

GENERAL NOTES

1. APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE WORK TO BE PERFORMED UNTIL A PERMIT HAS BEEN ISSUED.
2. THE APPROVAL OF THIS PLAN OR ISSUANCE OF A PERMIT BY THE CITY OF SAN DIEGO DOES NOT AUTHORIZE THE SUBDIVIDER AND OWNER TO VIOLATE ANY FEDERAL, STATE, OR CITY LAWS, ORDINANCES, REGULATIONS, OR POLICIES, INCLUDING, BUT NOT LIMITED TO, THE FEDERAL ENDANGERED SPECIES ACT OF 1973 AND AMENDMENTS THERETO (16 USC SECTION 1531 ET.SEQ.)
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENTATION AND/OR BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY AS APPROPRIATE, SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR REGISTERED CIVIL ENGINEER AS REQUIRED BY THE LAND SURVEYORS ACT.
- IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION MUST BE NOTIFIED, IN WRITING, AT LEAST 3 DAYS PRIOR TO THE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPLACING ANY VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.
4. IMPORTANT NOTICE: SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TWO WORKING DAYS BEFORE YOU DIG:
- | | | | |
|---------------------------|----------------|-------------------------|----------------|
| UNDERGROUND SERVICE ALERT | 1-800-442-4133 | BUILDING AND IRRIGATION | 1-800-442-4133 |
| WATER AND SEWER | 1-800-442-4133 | CABLE TELEVISION | 1-800-442-4133 |
| COMMUNICATION DIVISION | 1-800-442-4133 | | |
5. CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT GRADING AND CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET THE APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD
6. "PUBLIC IMPROVEMENT SUBJECT TO DESUETUDE OR DAMAGE." IF REPAIR OR REPLACEMENT OF SUCH PUBLIC IMPROVEMENTS IS REQUIRED, THE OWNER SHALL OBTAIN THE REQUIRED PERMITS FOR WORK IN THE PUBLIC RIGHT-OF-WAY, SATISFACTORY TO THE PERMIT-ISSUING AUTHORITY.
7. ALL EXISTING AND/OR PROPOSED PUBLIC UTILITY SYSTEM AND SERVICE FACILITIES SHALL BE INSTALLED UNDERGROUND IN ACCORDANCE WITH SECTION 144.0240 OF THE MUNICIPAL CODE.
8. PRIOR TO ANY DISTURBANCE TO THE SITE, EXCLUDING UTILITY MARK-OUTS AND SURVEYING, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRE-CONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO FIELD ENGINEERING DIVISION (858) 627-3200.
9. THE CONTRACTOR SHALL HIRE A "QUALIFIED PERSON", WHO HAS BEEN TRAINED TO CONDUCT INSPECTIONS AND PREPARE REPORTS OF THE CONSTRUCTION SITE WITH RESPECT TO THE CITY'S MUNICIPAL CODE/ORDINANCES AND THE SWPPP. THE QUALIFIED PERSON SHALL ATTEND THE PRE-CONSTRUCTION MEETING. THE QUALIFIED PERSON SHALL HAVE KNOWLEDGE AND TRAINING OF THE INTENT AND ENFORCEMENT OF SWPPP'S AND BMP'S.
10. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE SWPPP AT THE CONSTRUCTION SITE AND MAKE IT AVAILABLE TO THE CITY OF SAN DIEGO AND REGIONAL WATER QUALITY CONTROL BOARD'S (RWQCB) REPRESENTATIVES UPON REQUEST.
11. THE QUALIFIED PERSON SHALL CONDUCT REGULAR INSPECTIONS OF THE PROJECT SITE IN ACCORDANCE WITH RECOMMENDATIONS OUTLINED IN THE SWPPP. EACH INSPECTION SHALL BE DOCUMENTED IN THE FORM OF WRITTEN REPORTS RETAINED ON-SITE. ALL REPORTS SHALL BE MADE AVAILABLE TO THE CITY OF SAN DIEGO AND RWQCB REPRESENTATIVES UPON REQUEST.
12. THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORSEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER AND SEWER UTILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.

SPECIAL NOTES

SEE SHEET 2

GRADING AND GEOTECHNICAL SPECIFICATIONS

1. ALL GRADING SHALL BE DONE UNDER OBSERVATION AND TESTING BY A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND, IF REQUIRED, BOTH A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND AN ENGINEERING GEOLOGIST. ALL GRADING MUST BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY ORDINANCE AND THE RECOMMENDATIONS AND SPECIFICATIONS SET FORTH IN THE SOILS REPORT OR GEOLOGICAL/GEOTECHNICAL INVESTIGATION ENTITLED "GEOTECHNICAL REPORT, SESI PROPERTY CLOSURE PROJECT, OTAY MESA, SAN DIEGO, CALIFORNIA" PREPARED BY ENV AMERICA INCORPORATED, DATED JULY 1996.
2. ALL FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 90% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MOST RECENT VERSION OF A.S.T.M. D-1557 OR AN APPROVED ALTERNATIVE STANDARD.
3. AT THE COMPLETION OF THE GRADING OPERATIONS FOR THE EARTHWORK SHOWN ON THIS PLAN, AN AS-GRADED SOILS REPORT, OR IF REQUIRED, AN AS-GRADED SOILS AND GEOLOGICAL REPORT WILL BE PREPARED IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE CITY OF SAN DIEGO TECHNICAL GUIDLINES FOR GEOTECHNICAL REPORTS. THE FINAL "AS-GRADED" GEOTECHNICAL REPORT WILL BE SUBMITTED TO THE FIELD ENGINEERING SECTION OF PUBLIC WORKS AND A SECOND COPY TO THE GEOLOGY SECTION OF THE PLANNING AND DEVELOPMENT REVIEW DEPARTMENT WITHIN 15 DAYS OF THE COMPLETION OF GRADING. WHERE GEOLOGIC INSPECTION IS INDICATED IN THE PERMIT OR PROJECT PLANS, REPORTS OR SPECIFICATIONS, THE FINAL REPORT MUST ALSO BE REVIEWED AND SIGNED BY A CALIFORNIA CERTIFIED ENGINEERING GEOLOGIST.
4. IF THE GEOTECHNICAL CONSULTANT OF RECORD IS CHANGED FOR THE PROJECT, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THE RESPONSIBILITY WITHIN THE AREA OF THEIR TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK. IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE CITY ENGINEER AND THE GEOLOGY SECTION OF THE PLANNING AND DEVELOPMENT REVIEW DEPARTMENT IN WRITING OF SUCH CHANGE PRIOR TO THE RECOMMENCEMENT OF GRADING.
5. THESE GRADING PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS AND SPECIFICATION OUTLINED IN THE REFERENCED SOILS REPORT OR GEOLOGICAL/GEOTECHNICAL INVESTIGATION PREPARED FOR THIS DEVELOPMENT.

S. SHARIAR SHAHIN R.C.E. 42940 Date

DANIEL J. GIFFORD C.E.G. 1959 Date

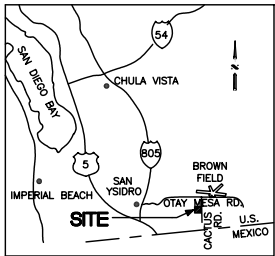
*Company Name ENV AMERICA INCORPORATED
Phone No. 949-453-9191

6. FOR SOILS FILE SEE CITY RECORD S. S-420058

CONSTRUCTION CHANGE TABLE

CHANGE	DATE	SHEET NUMBER REVISED OR ADDED THIS CHANGE

UNITED STATES DISTRICT COURT COORDINATING COMMITTEE
SESI PROPERTY CLOSURE PROJECT
CITY OF SAN DIEGO, CALIFORNIA



VICINITY MAP - NO SCALE

ESTIMATED GRADING QUANTITIES

EXCAVATION	34,100 CY	NOTE: FOR PERMITTING PURPOSES ONLY. BID SHALL BE BASED ON CONTRACTORS OWN ESTIMATED QUANTITIES.
FILL	40,900 CY	
NET (IMPORT)	(6,800) CY	

EROSION CONTROL NOTES

SEE SHEET 13

REFERENCE DRAWINGS

30444-D 31273-D

SITE ADDRESS

1902 CACTUS ROAD, SAN DIEGO, CALIFORNIA

TOPOGRAPHY SOURCE

TOPOGRAPHY FROM AERIAL PHOTOGRAMMETRIC SURVEY BY ZENITH AERIAL, INC. 10/12/94

BENCHMARK

ELEVATIONS ARE BASED ON CITY OF SAN DIEGO BENCHMARK AT S.W. CORNER OF I-905 (OTAY MESA RD.) AND CACTUS RD., A BRASS PLUG TOP OF CURB ON OTAY MESA RD., ELEVATION IS 508.579 FEET MSL.

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA SYSTEM ZONE 6, 1983 NORTH AMERICAN DATUM. THE BASIS OF BEARINGS INCLUDES CITY OF SAN DIEGO RECORD OF SURVEY 14492, POINT NUMBER #1408, COORDINATES N1,787,207.18 E6,336,847.17, A BRASS DISK IN A MONUMENT WELL AT THE INTERSECTION OF OTAY MESA ROAD AND BRITANNIA BLVD., AND POINT NUMBER #1471, COORDINATES N1,784,537.89 E6,334,175.77, A 0.75" IRON PIPE WITH BRASS TAG IN DIRT S.E. OF INTERSECTION AIRWAY RD. AND CACTUS RD. THE BEARING BETWEEN THE POINTS IS S45°01'21"W.

GRADING NOTES

1. GRADING AS SHOWN ON THESE PLANS SHALL BE IN CONFORMANCE WITH CURRENT STANDARD SPECIFICATIONS AND CHAPTER 14, ARTICLE 2, DIVISION 1, OF THE SAN DIEGO MUNICIPAL CODE, 2000 EDITION.
2. PLANT AND IRRIGATE ALL CUT AND FILL SLOPES AS REQUIRED BY ARTICLE 2, DIVISION 4, SECTION 142.0411 OF THE SAN DIEGO LAND DEVELOPMENT CODE AND ACCORDING TO SECTION IV OR THE LAND DEVELOPMENT MANUAL LANDSCAPE STANDARDS, UNLESS OTHERWISE SHOWN ON THESE PLANS.
3. GRADED, DISTURBED, OR ERODED AREAS THAT WILL NOT BE PERMANENTLY PAVED, COVERED BY STRUCTURE, OR PLANTED FOR A PERIOD OVER 90 CALENDAR DAYS SHALL BE TEMPORARILY REVEGETATED WITH A NON-IRRIGATED HYDROSEED MIX, GROUND COVER, OR EQUIVALENT MATERIAL.

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

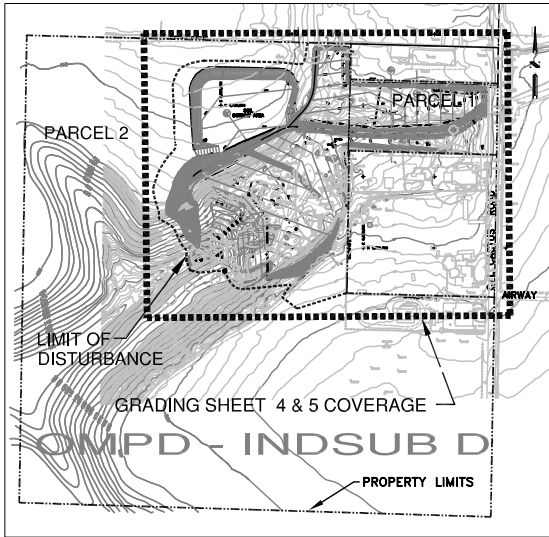
I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

SHAHRIAR SHAHIN R.C.E. 42940
MY REGISTRATION EXPIRES 3/2004

DATE

ENV
AMERICA
ENVIRONMENTAL ENGINEERING,
CONSULTING & CONSTRUCTION

16 TECHNOLOGY DRIVE
SUITE 154
IRVINE, CALIFORNIA 92618
PHONE 949-453-9191
FAX 949-453-9292



KEY MAP - SCALE - 1"=250'

OWNER / APPLICANT

SALIM.D. SESI ET. AL. (MULTIPLE OWNERS)
C/O SESI GROUP, 1950 TOWNSEND PLACE, EL CAJON, CA 92019

LEGAL DESCRIPTION

PARCEL 1: THE SE 1/4 OF THE NW 1/4 OF SEC 33/T18S/R1W OF SAN BERNARDINO BASE AND MERIDIAN EXCEPTING THE EAST 414 FT OF THE NORTH 800 FT.

PARCEL 2: THE S'LY 200 FT OF THE N'LY 300 FT OF THE EAST 414 FT OF THE SE 1/4 OF THE NW 1/4 OF SEC 33/T18S/R1W OF SAN BERNARDINO BASE AND MERIDIAN.

ASSESSOR'S PARCEL NO.

646-100-49, 646-100-59, 646-100-70 ACCORDING TO MAP ON FILE IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, STATE OF CALIFORNIA.

STREET DESIGN DATA TABLE

STREET NAME	CLASSIFICATION	DESIGN SPEED	FUTURE ADT	R.O.W. WIDTH
CACTUS RD	4 LANE COLLECTOR	45 MPH	12,000	92'

SHEET INDEX

SHEET	DESCRIPTION
1	TITLE SHEET AND KEY MAP
2	SPECIAL AND CONSTRUCTION NOTES
3	EXISTING TOPOGRAPHY AND SITE IMPROVEMENTS
4	REVEGETATION PLAN
5	FINAL COVER GRADING PLAN
6	DRAINAGE CHANNEL "A" PLAN AND PROFILE
7	LANDFILL CLOSURE CROSS-SECTIONS
8	SLOPE BUTTRESS FILL AND LIQUID COLLECTION SYSTEM
9	FINAL COVER DETAILS
10	DRAINAGE DETAILS
11	ENVIRONMENTAL MONITORING AND CONTROL SYSTEM DETAILS
12	PLANS AND PROFILES FOR STORM DRAIN LATERAL "A-1", LINE "B"
13	EROSION AND SEDIMENT CONTROL PLAN
14	EROSION AND SEDIMENT CONTROL DETAILS

PERMIT DESIGN, NOT FOR CONSTRUCTION

WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

STANDARD SPECIFICATIONS

1. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (2000 EDITION), INCLUDING THE REGIONAL AND CITY OF SAN DIEGO SUPPLEMENT AMENDMENTS DOCUMENT No. 769845, FILED JULY 21, 2000.
2. 1999 STANDARD SPECIAL PROVISIONS FOR SIGNALS, LIGHTING AND ELECTRICAL SYSTEMS OF CITY OF SAN DIEGO. DOCUMENT No. 769842, FILED OCT 22, 1999.
3. "CALIFORNIA DEPARTMENT OF TRANSPORTATION, MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES", (1999 EDITION), DOCUMENT NO. 769843, FILED JAN 24,2000.

STANDARD DRAWINGS

1. CITY OF SAN DIEGO STANDARD DRAWINGS, INCLUDING ALL REGIONAL STANDARD DRAWINGS, DOCUMENT No.769846, FILED JULY 21, 2000.

LEGEND

ITEM	STD. DWG.	SYMBOL
PROPERTY BOUNDARY		---
MAJOR EXISTING CONTOUR (5 feet interval)		490
MINOR EXISTING CONTOUR (1 foot interval)		
SPOT ELEVATION (EXISTING GROUND)		x 495.22
EXISTING POWER POLE		PP
EXISTING MONITORING WELL		WS4 MW8 LS2
EXISTING LYSIMETER		
BRUSH LINE		
PRIVATE FENCE	M-5 M-6 M-20	*****
DEPRESSION		
LIMIT OF WASTE WITHIN PROPERTY BOUNDARY		
DAYLIGHT LINE		
SLOPE AS INDICATED		3%
SURFACE GRADIENT		
MAJOR PROPOSED CONTOUR (5 feet interval)		485
MINOR PROPOSED CONTOUR (1 foot interval)		481
PROPOSED DRAINAGE	B 9/5 E 9/5 F 9/5	D-75
TOP OR TOE OF SLOPE		
PRIVATE HDPE STORM DRAIN	A 12/5 B 12/5	
PRIVATE STORM DRAIN INLET APRON		D-39
PRIVATE STORM DRAIN STRAIGHT HEADWALL		D-30
PTIVATE ASPHALT CONCRETE DOWNDRAIN		D-22
PRIVATE GRAVEL-PAVED SURFACE	A 9/5	

ENGINEERING PERMIT NO. _____

PRIVATE CONTRACT

GRADING AND IMPROVEMENT PLANS FOR:	
SESI PROPERTY CLOSURE PROJECT	
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 1 OF 14 SHEETS	V.O. NO. 420058
FOR CITY ENGINEER	DATE
DESCRIPTION	BY
ISSUED FOR RAW	ENV AMERICA
	MLR
	FEB 2005
CONTRACTOR	DATE STARTED
INSPECTOR	DATE COMPLETED
1784 - 6331 NAD 83 COORD.	
144-1771 LAMBERT COORDINATES	
31928-1-D	

SPECIAL NOTES

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTION TO THE CONTRACTOR REGARDING THE INTENT OF THE DESIGN AND TO THE SPECIAL CONSIDERATIONS FOR CLOSURE OF THE LANDFILL. THE CITY ENGINEER'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY OF THESE NOTES AND THE CITY WILL NOT BE HELD RESPONSIBLE FOR THEIR ENFORCEMENT.

1. CLOSURE CONSTRUCTION SHALL CONFORM WITH CALIFORNIA CODE OF REGULATIONS TITLE 27.
2. THESE CLOSURE CONSTRUCTION PLANS SHALL BE USED IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS AND QUALITY ASSURANCE/QUALITY CONTROL PLAN PREPARED FOR CLOSURE CONSTRUCTION AT THE SITE.
3. THERE ARE EXISTING OVERHEAD UTILITIES LINES WITHIN THIS PROJECT.
4. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING GROUNDWATER MONITORING WELLS, UTILITIES, FENCING AND OTHER STRUCTURES AT THE SITE.
5. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE.
6. GRADING SHALL NOT BE STARTED WITHOUT FIRST NOTIFYING THE CONSTRUCTION MANAGER. PRE-GRADING MEETING ON THE SITE IS REQUIRED BEFORE START OF GRADING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, ENGINEER, QA/QC CONSULTANT, CONSTRUCTION MANAGER. THE REQUIRED INSPECTIONS FOR GRADING WILL BE EXPLAINED AT THIS MEETING
7. THE CONTRACTOR SHOULD EXPECT TO ENCOUNTER WASTE IN AREAS OF EXCAVATION WITHIN THE SITE. PRIOR TO EXCAVATION THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT A FIELD EVALUATION CAN BE MADE. ONLY AFTER APPROVAL BY THE ENGINEER SHALL WASTE BE EXCAVATED. THE EXCAVATED WASTE SHALL BE HAULED TO ONSITE DISPOSAL AREAS AS SHOWN ON THE PLANS. EXCAVATION, HAULING, PLACEMENT AND COMPACTION OF WASTE, AND USAGE OF DAILY SOIL COVER IN BOTH EXCAVATION AND DISPOSAL AREAS SHALL CONFORM TO THE TECHNICAL SPECIFICATIONS.
8. SHOULD THE CONTRACTOR FIND THAT THE APPROXIMATE REFUSE LIMITS WITHIN THE SITE EXTEND BEYOND THE DESIGNED LANDFILL FINAL COVER LIMITS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER FOR ASSESSMENT OF ADDITIONAL REMOVALS, MODIFICATION OF COVER GRADES AND/OR RELOCATION OF FILL KEYS.
9. AREAS TO RECEIVE FILL SHALL BE PROPERLY PREPARED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO PLACING FILL.
10. PRIOR TO STOCKPILING OF EXCESS MATERIAL, STOCKPILE AREAS SHALL BE APPROVED BY THE ENGINEER.
11. THE ENGINEERING GEOLOGIST SHALL PERFORM PERIODIC INSPECTIONS OF THE BUTTRESS KEY AND SUBMIT A COMPLETE REPORT AND MAP UPON COMPLETION OF THE EXCAVATION.
12. THE ENGINEER, ENGINEERING GEOLOGIST, AND QA/QC CONSULTANT SHALL PERFORM SUFFICIENT OBSERVATION AND BE AVAILABLE DURING GRADING AND CONSTRUCTION TO VERIFY COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND THE CODE WITHIN THEIR PURVIEW.
13. THE ENGINEER SHALL BE AVAILABLE DURING GRADING TO VERIFY COMPLIANCE WITH THE PLANS, SPECIFICATIONS, CODE AND ANY SPECIAL CONDITIONS OF THE PERMIT WITHIN THE PURVIEW.
14. THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL MEASURES.
15. ALL EXISTING DRAINAGE COURSES THROUGH THIS SITE SHALL REMAIN OPEN UNTIL ALTERNATE FACILITIES TO HANDLE STORM WATER ARE APPROVED AND FUNCTIONAL; HOWEVER, IN ANY CASE, THE CONTRACTOR SHALL BE HELD LIABLE FOR ANY DAMAGE DUE TO OBSTRUCTING NATURAL DRAINAGE PATTERNS.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING NECESSARY SEDIMENT AND EROSION CONTROL MEASURES WITHIN THE LIMITS OF WORK FOR THE DURATION OF CONSTRUCTION.

CONSTRUCTION NOTES

- (A) ABANDON WELLS AND LYSIMETERS PRIOR TO GRADING AS PER SPECIFICATIONS
- (B) PROTECT IN-PLACE
- (C) REMOVE AND DISPOSE OFFSITE
- (D) SALVAGE AND RELOCATE AS DIRECTED BY THE ENGINEER
- (E) GRADE BORROW AREA TO THE GENERAL LINES AND GRADES FOR SIDE SLOPES AND LEAVE BOTTOM OF EXCAVATION TO DRAIN. ADJUST FINAL SLOPE LOCATIONS AND BOTTOM OF EXCAVATION AS DIRECTED BY THE ENGINEER.
- (F) CONSTRUCT FINAL COVER PER

95A
- (G) CONSTRUCT FINAL COVER FOR FRONT SLOPE PER

95D
- (H) CONSTRUCT ASPHALT CONCRETE SWALE PER

95B
- (I) CONSTRUCT TOE OF SLOPE KEY AND 4' WIDE PERIMETER PERIMETER V-DITCH PER

95E
- (J) CONSTRUCT TOE OF SLOPE KEY AND 3' WIDE V-DITCH PER

95F
- (K) CONSTRUCT MIN. 3.5' HIGH BY 4' WIDE TRAPEZOIDAL CHANNEL "A" PER

105,6A
- (L) CONSTRUCT 1.5' HIGH EARTH BERM PER

95C
- (M) CONSTRUCT 4' WIDE X 3.5' DEEP TRAPEZOIDAL CONCRETE CHANNEL PER SAN DIEGO STD. DWG. D-71.
- (N) CONSTRUCT 10" THICK 2.5' DEEP CUT OFF WALL AT CHANNEL ENDS AND EVERY 10' VERTICAL, PER SAN DIEGO STD. DWG. D-72
- (O) CONSTRUCT GABION AND RIP-RAP STILLING BASIN PER

105,6E
- (P) CONSTRUCT 2.5' HIGH BY 4' WIDE TRAPEZOIDAL CHANNEL "A-2" PER

105B
- (Q) CONSTRUCT 30" DIA HDPE STORM DRAIN LINE "B" PER

125A
- (R) CONSTRUCT STRAIGHT HEADWALL - TYPE A PER SAN DIEGO STD. DWG. D-30
- (S) CONSTRUCT RIP-RAP PER DETAIL ON SHEET 12 AND PER DIMENSIONS SHOWN ON PLANS
- (T) INSTALL 18" HDPE STORM DRAIN PER

125B
- (U) CONSTRUCT EARTH CHANNEL ENTRY PER

105E
- (V) CONSTRUCT ASPHALT CONCRETE DOWNDRAIN PER SAN DIEGO STD. DWG. D-22
- (W) CONSTRUCT BROW DITCH - TYPE A PER SAN DIEGO STD. DWG. D-75
- (X) CONSTRUCT DITCH - TYPE D PER SAN DIEGO STD. DWG. D-75
- (Y) CONSTRUCT 16" HIGH MASONRY CONCRETE UNIT SPLASH WALL
- (Z) MODIFY MONITORING WELL COMPLETIONS PER

115D
- (AA) INSTALL 6' HIGH CHAIN-LINK FENCE WITH GATES PER SAN DIEGO STD. DWGS. M-5, M-6 AND M-20
- (BB) INSTALL SETTLEMENT SURVEY MONUMENT PER

95G
- (CC) CONSTRUCT STORMDRAIN INLET APRON PER SAN DIEGO STD. DWG. D-39
- (DD) CONSTRUCT RISER PIPE SURFACE COMPLETION PER

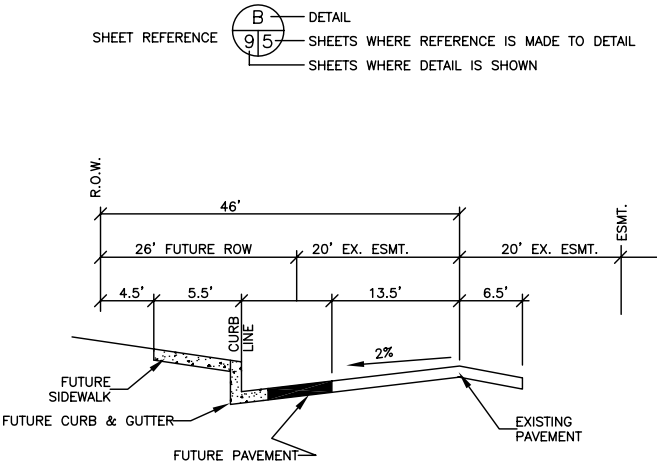
118A
- (EE) CONSTRUCT SUBDRAIN COLLECTION TRENCH PER

118B
- (FF) EXTEND DRAINAGE ROCK/GEOTEXTILE BLANKET TO ELEVATION 440 IN ALL AREAS UP-CANYON OF CENTERLINE AND BELOW BASE OF FOUNDATION LAYER
- (GG) CONSTRUCT CONCRETE ANCHOR BLOCK PER

1212C
- (HH) INSTALL 48" DIA R.C.P. SAN DIEGO STD. DWGS. D-60, D-61 AND D-62

STANDARD ABBREVIATIONS

- BEGIN CURVE
- BEGIN VERTICAL CURVE
- CENTER LINE
- CLEARANCE
- DEPTH
- DIAMETER
- EASEMENT
- ELEVATION
- END CURVE
- END VERTICAL CURVE
- EXISTING
- FINISH GRADE
- FIRE HYDRANT
- FLOW LINE
- GRADE BREAK
- HIGH DENSITY POLYETHYLENE
- HIGH POINT
- INVERT
- LENGTH
- LINEAL FEET
- MAXIMUM
- MINIMUM
- NOMINAL
- POINT OF INTERSECTION
- POINT OF VERTICAL INTERSECTION
- POLYVINYL CHLORIDE
- POWER POLE
- SCHEDULE
- STATION
- STORMWATER POLLUTION PREVENTION PLAN
- RIGHT OF WAY
- TYPICAL
- VERTICAL CURVE
- BC
- BVC
- CL
- CLR.
- D
- DIA.
- ESMT.
- EL. OR ELEV.
- EC
- EVC
- EX.
- FG
- FH
- FL
- G.B.
- HDPE
- H.P.
- INV.
- L
- L.F.
- MAX.
- MIN.
- NOM.
- PI
- PVI
- PVC
- PP
- SCH.
- STA.
- SWPPP
- R.O.W.
- TYP.
- VC



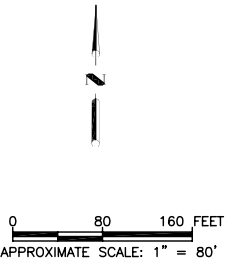
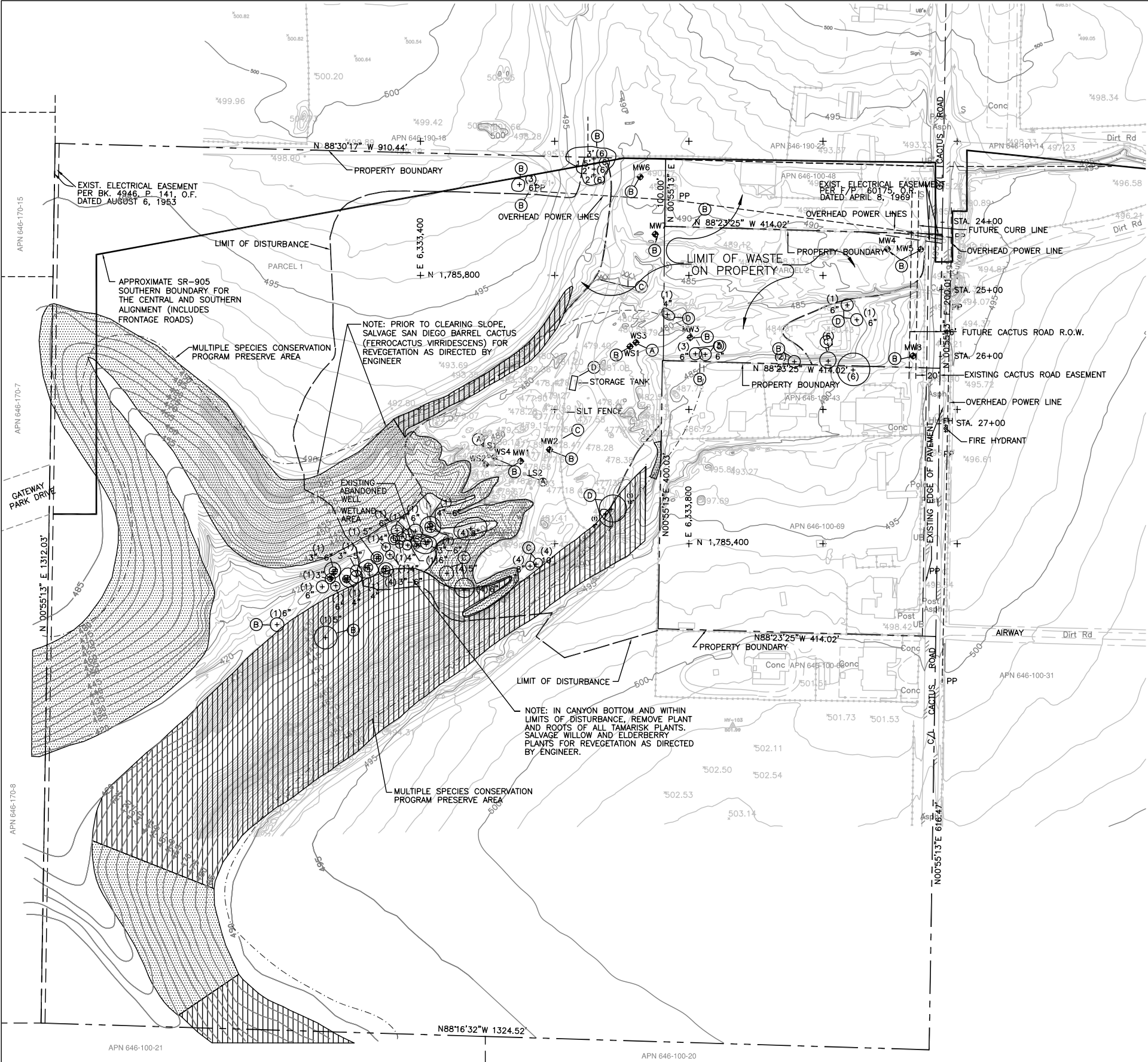
CACTUS ROAD TYPICAL SECTION - NO SCALE

PERMIT DESIGN, NOT FOR CONSTRUCTION



PRIVATE CONTRACT

SPECIAL AND CONSTRUCTION NOTES									
SESI PROPERTY CLOSURE PROJECT									
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 2 OF 14 SHEETS								V.D. NO. 420058	
FOR CITY ENGINEER								DATE	
DESCRIPTION	BY	APPROVED	DATE	FILMED					
ISSUED FOR RAV	ENV AMERICA	MLR	FEB 2005					1784 - 6331 NAD 83 COORD.	
								144-1771 LAMBERT COORDINATES	
CONTRACTOR _____ DATE STARTED _____								31928-2-D	
INSPECTOR _____ DATE COMPLETED _____									



SLOPE ANALYSIS

- AREA WITH SLOPE LESS THAN TWENTY-FIVE PERCENT (25%) IS 77% (27.2 AC)
- AREA WITH SLOPE TWENTY-FIVE PERCENT (25%) TO THIRTY-FIVE PERCENT (35%) IS 10% (3.7 AC)
- AREA WITH SLOPE GREATER THAN THIRTY-FIVE PERCENT (35%) IS 13.03% (4.6 AC)

EXPLANATION

- APPROXIMATE DRIP LINE
- TRUNK
- APPROXIMATE DRIP LINE
- CLUSTER OF TRUNKS
- TYPE OF TREE
- DIAMETER OF TRUNK

CONSTRUCTION NOTES:

- ABANDON WELL AND LYSIMETERS PRIOR TO GRADING AS PER SPECIFICATIONS
- PROTECT IN-PLACE
- REMOVE AND DISPOSE OFFSITE
- RELOCATE AS DIRECTED BY THE ENGINEER

TYPE OF TREE

SYMBOL	SCIENTIFIC NAME	COMMON NAME
(1)	SALIX SP.	WILLOW
(2)	SCHINUS MOLLE	CALIFORNIA PEPPER TREE
(3)	ACACIA SP.	ACACIA
(4)	TAMARIX SP.	TAMARISK
(5)	SAMBUCUS MEXICANA	MEXICAN ELDERBERRY
(6)	EUCALYPTUS SP.	EUCALYPTUS

NOTES:

- TOPOGRAPHY IS FROM ZENITH AERIAL, INC. DATE OF PHOTOGRAPHY: 10/12/94
- COUNTY OF SAN DIEGO TOPOGRAPHIC SURVEY, MAY 4, 1978; SHEET 138-1761 USED FOR TOPOGRAPHY IN SOUTHERN AND WESTERN 300' OF PROPERTY SHOWN HEREIN

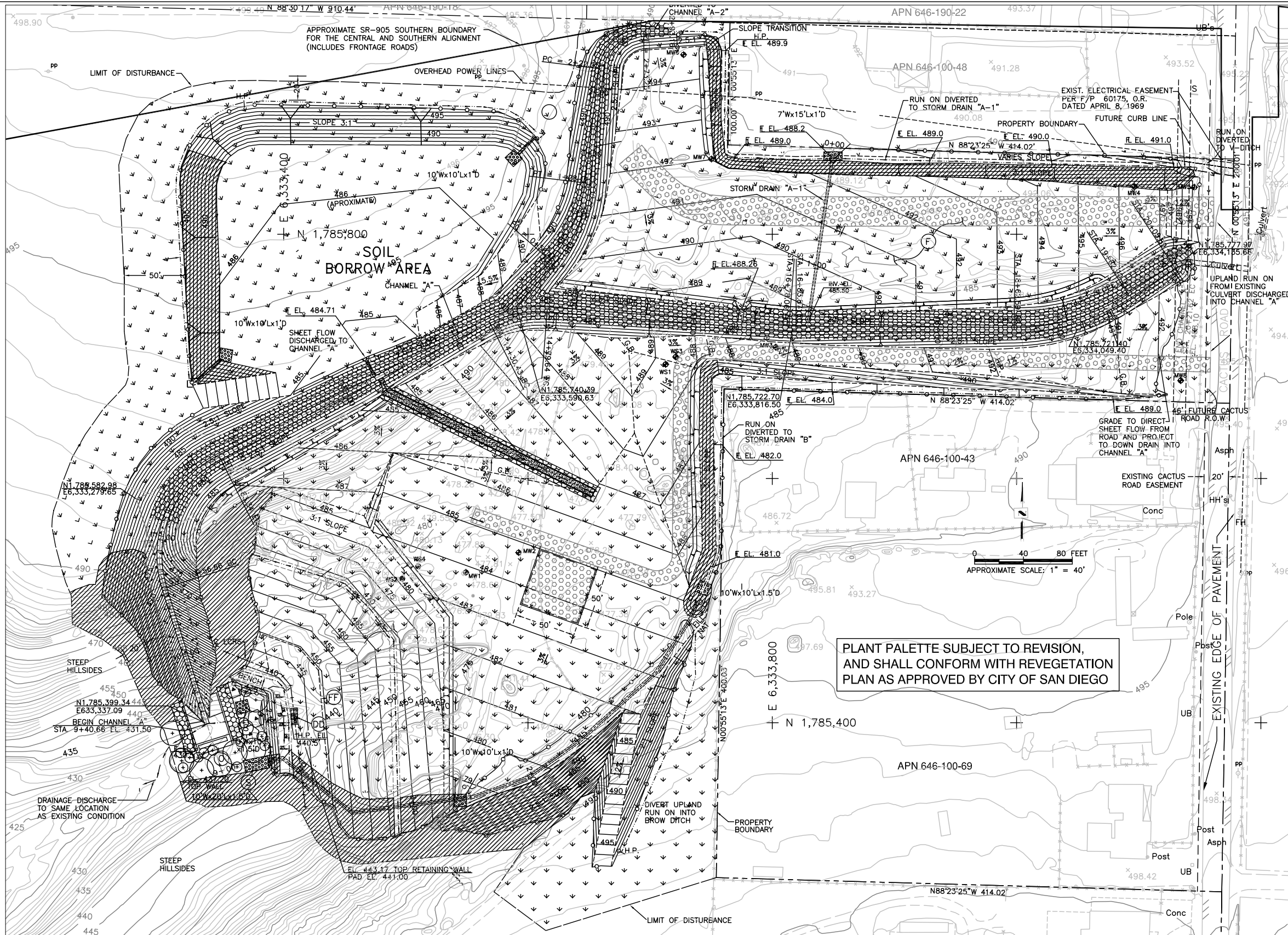
PERMIT DESIGN, NOT FOR CONSTRUCTION

PRIVATE CONTRACT

EXISTING TOPOGRAPHY AND SITE IMPROVEMENTS:				
BESI PROPERTY CLOSURE PROJECT				
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 3 OF 14 SHEETS			W.D. NO. 420058	
FOR CITY ENGINEER			DATE	
DESCRIPTION	BY	APPROVED	DATE	FILMED
ISSUED FOR RAW	ENV AMERICA	MLR	FEB 2005	
CONTRACTOR			DATE STARTED	
INSPECTOR			DATE COMPLETED	
			1784 - 6331	
			NAD 83 COORD.	
			144-1771	
			LAMBERT COORDINATES	
			31928-3-D	

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SEEDING MIX

Scientific Name	Common Name	Approximate Pounds of Seed/Acre
Native Grassland Seed Mix		
Bloomeria crocea	Common Goldenstar	1.0
Bromus carinatus	California Brome	6.0
Dichelostemma capitatum	Blue Dicks	1.0
Encelia californica	California Encelia	2.0
Eschscholzia californica	California Poppy	3.0
Hordeum californicum	California Barley	5.0
Lotus scoparius	Deerweed	3.0
Lupinus bicolor	Miniature Lupine	3.0
Nassella cernua	Nodding Stipa	1.0
Nassella lepida	Foothill Needlegrass	1.0
Nassella pulchra	Purple Needlegrass	3.0
Poa secunda ssp. secunda	Bluegrass	3.0
Sisyrinchium bellum	Blue-Eyed Grass	1.0
Viguiera lacinata	San Diego Sun Flower	3.0
Vulpia microstachys	Zorro Grass	2.0

Sage Scrub Seed Mix

Scientific Name	Common Name	Approximate Pounds of Seed/Acre
Sage Scrub Seed Mix		
Artemisia californica	California Sagebrush	2.0
Artemisia palmeri	Tall Sagebrush	2.0
Baccharis pilularis	Coyote Brush	0.5
Bromus carinatus	Brome Grass	2.0
Dichelostemma capitatum	Blue Dicks	0.5
Encelia californica	California Encelia	1.0
Ericameria palmeri	Palmer's Goldenbush	0.5
Eriogonum fasciculatum	California Buckwheat	3.0
Eriophyllum confertiflorum	Golden Yarrow	1.0
Eschscholzia californica	California Poppy	1.0
Gnaphalium bicolor	Bicolored Everlasting	0.5
Gnaphalium californicum	California Everlasting	0.5
Helianthemum scoparium	California Rush Rose	1.0
Hordeum californicum	California Barley	1.0
Isocoma menziesii	Coast Goldenbush	2.0
Iva hayesiana	San Diego Poverty Weed	3.0
Lasthenia californica	Goldfields	1.0
Layia platyglossa	Tidy Tips	1.0
Leymus condensatus	Giant Wild Rye	1.0
Lotus scoparius	Deerweed	2.0
Lupinus bicolor	Miniature Lupine	2.0
Lupinus succulentus	Arroyo Lupine	2.0
Malacothamnus fasciculatus	Mesa Bushmallow	1.0
Melica imperfecta	Coast Range Melic	1.0
Muhlenbergia rigens	Deergrass	1.0
Nassella cernua	Nodding Stipa	1.0
Nassella lepida	Foothill Needlegrass	1.0
Nassella pulchra	Purple Needlegrass	3.0
Plantago erecta	Plantain	1.0
Salvia apiana	White Sage	2.0
Salvia mellifera	Black Sage	1.5

HARDSCAPE AREAS

- RIP-RAP OR GABION
- GRAVEL

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PRIVATE CONTRACT

REVEGETATION PLAN: SEBI PROPERTY CLOSURE PROJECT	
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 4 OF 14 SHEETS	NO. 420058
FOR CITY ENGINEER	DATE
DESCRIPTION	BY
ISSUED FOR RAV	ENV AMERICA
	MLR
	FEB 2005
CONTRACTOR	DATE STARTED
INSPECTOR	DATE COMPLETED
1784 - 6331 NAD 83 COORD.	
144-1771 LAMBERT COORDINATES	
31928-4-D	

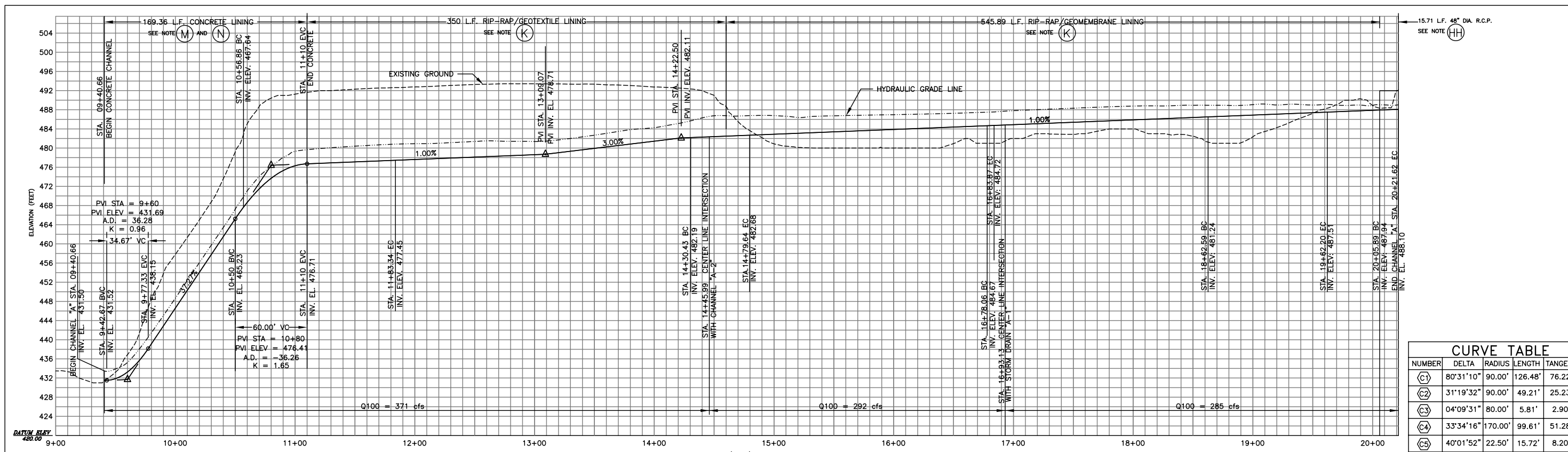
CONTAINER PLANTS:

SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE
+	BACCHARIS GLUTINOSA	MULE FAT	1 GAL
+	SALIX GOODINGII	BLACK WILLOW	1 GAL
△	SAMBUCUS MEXICANA	MEXICAN ELDERBERRY	5 GAL

PERMIT DESIGN, NOT FOR CONSTRUCTION

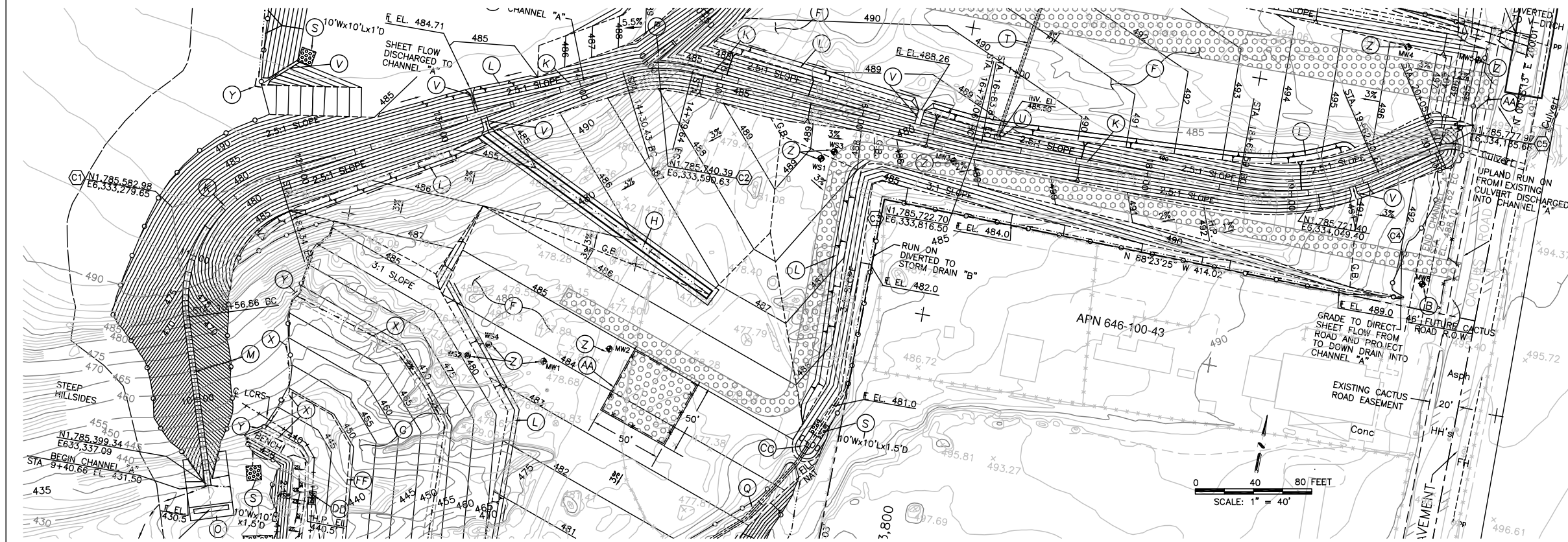
NOTES:
1. TOPOGRAPHY IS FROM ZENITH AERIAL, INC.
DATE OF PHOTOGRAPHY: 10/12/94

31928-5-D



CURVE TABLE				
NUMBER	DELTA	RADIUS	LENGTH	TANGENT
C1	80°31'10"	90.00'	126.48'	76.22'
C2	31°19'32"	90.00'	49.21'	25.23'
C3	04°09'31"	80.00'	5.81'	2.90'
C4	33°34'16"	170.00'	99.61'	51.28'
C5	40°01'52"	22.50'	15.72'	8.20'

LINE "A" PROFILE
SCALE: HORIZONTAL 1"=40' & VERTICAL 1"=10'



PLAN VIEW
SCALE: 1"=40'

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CONSTRUCTION NOTES:

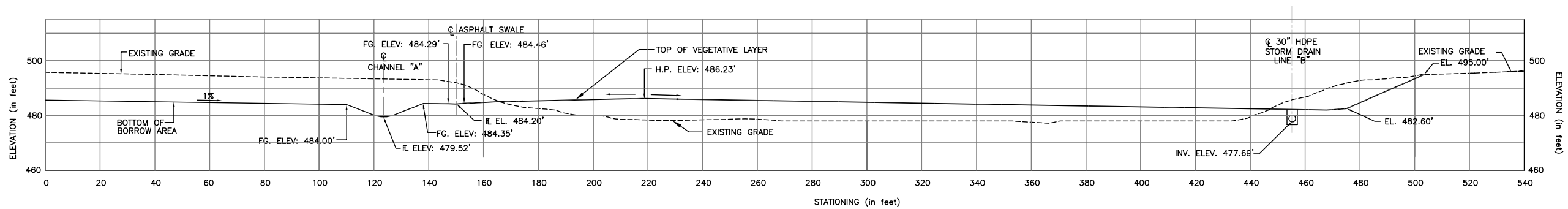
- (K) CONSTRUCT MIN.3.5' HIGH BY 4' WIDE TRAPEZOIDAL CHANNEL "A" PER $\frac{A}{10} 5,6$
- (M) CONSTRUCT 4' WIDE X 3.5' DEEP CONCRETE CHANNEL PER SAN DIEGO STD. DWG. D-71.
- (N) CONSTRUCT 10" THICK 2.5' DEEP CUT OFF WALL AT CHANNEL ENDS AND EVERY 10' VERTICAL, PER SAN DIEGO STD. DWG. D-72
- (HH) INSTALL 48" DIA R.C.P. SAN DIEGO STD. DWGS. D-60, D-61 AND D-62

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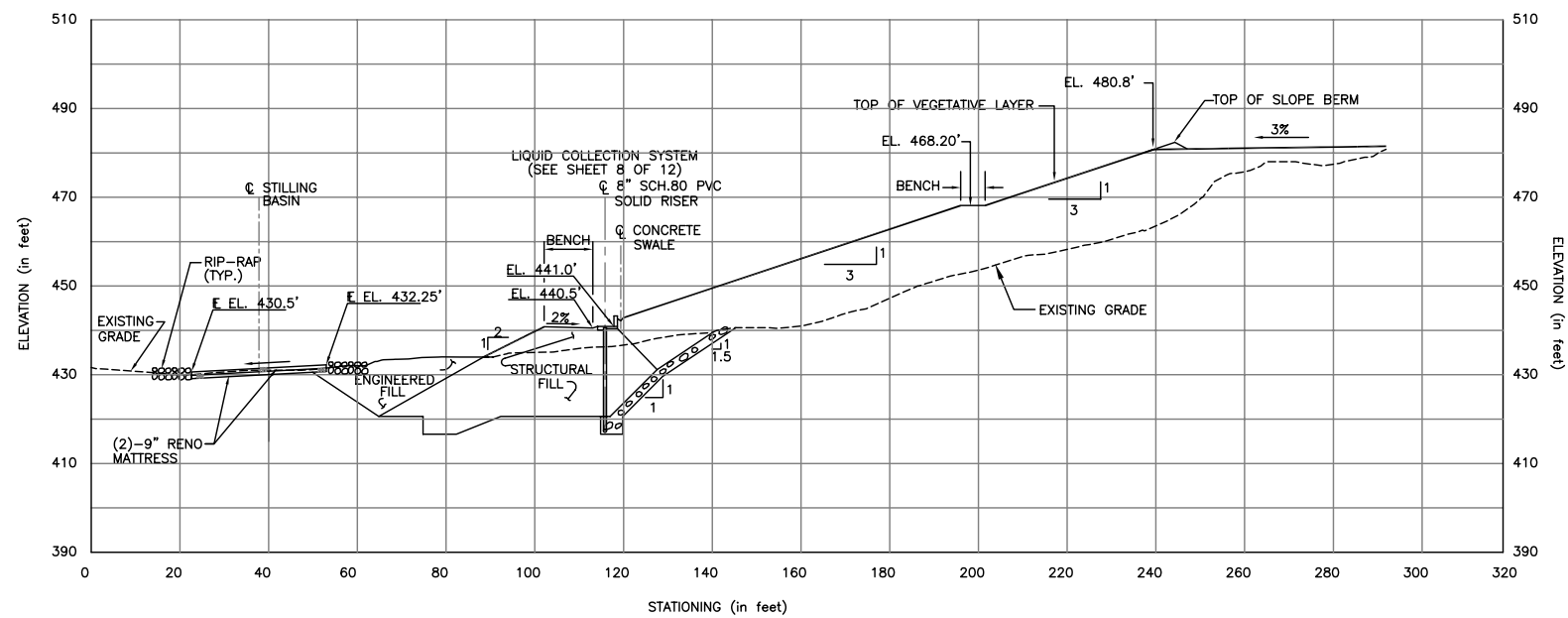


PRIVATE CONTRACT

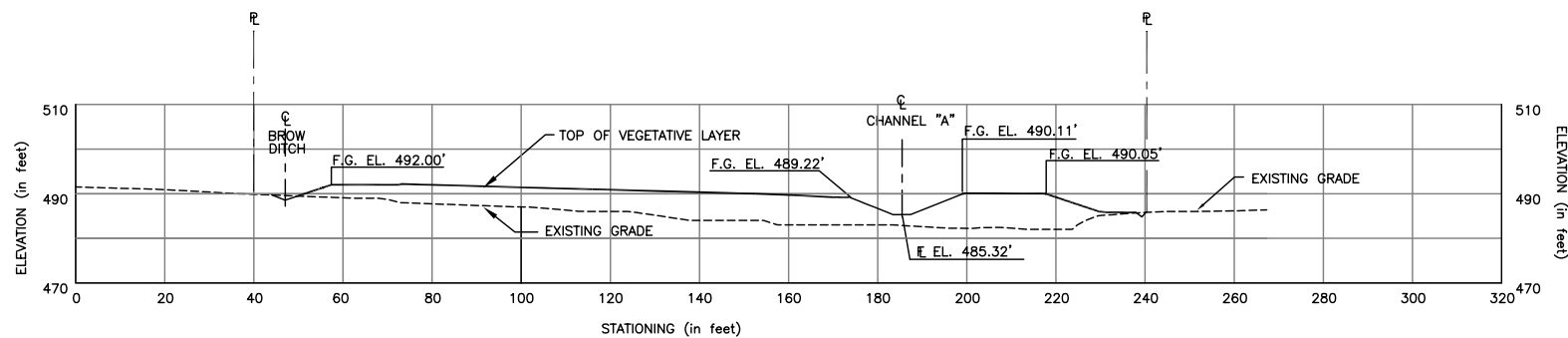
DRAINAGE CHANNEL "A" PLAN AND PROFILE:			
BESI PROPERTY CLOSURE PROJECT			
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 6 OF 14 SHEETS			W.D. NO. 420058
FOR CITY ENGINEER	DATE		
DESCRIPTION	BY	APPROVED	DATE
ISSUED FOR RAW	ENV AMERICA	MLR	FEB 2005
CONTRACTOR	DATE STARTED		
INSPECTOR	DATE COMPLETED		
			1784 - 6331 NAD 83 COORD.
			144-1771 LAMBERT COORDINATES
			31928-6-D



SECTION C
Scale: 1" = 20'



SECTION B
Scale: 1" = 20'



SECTION A
Scale: 1" = 20'

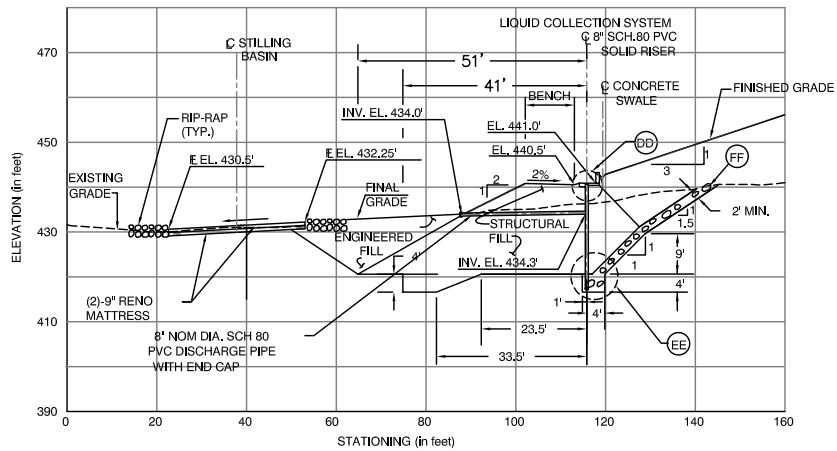
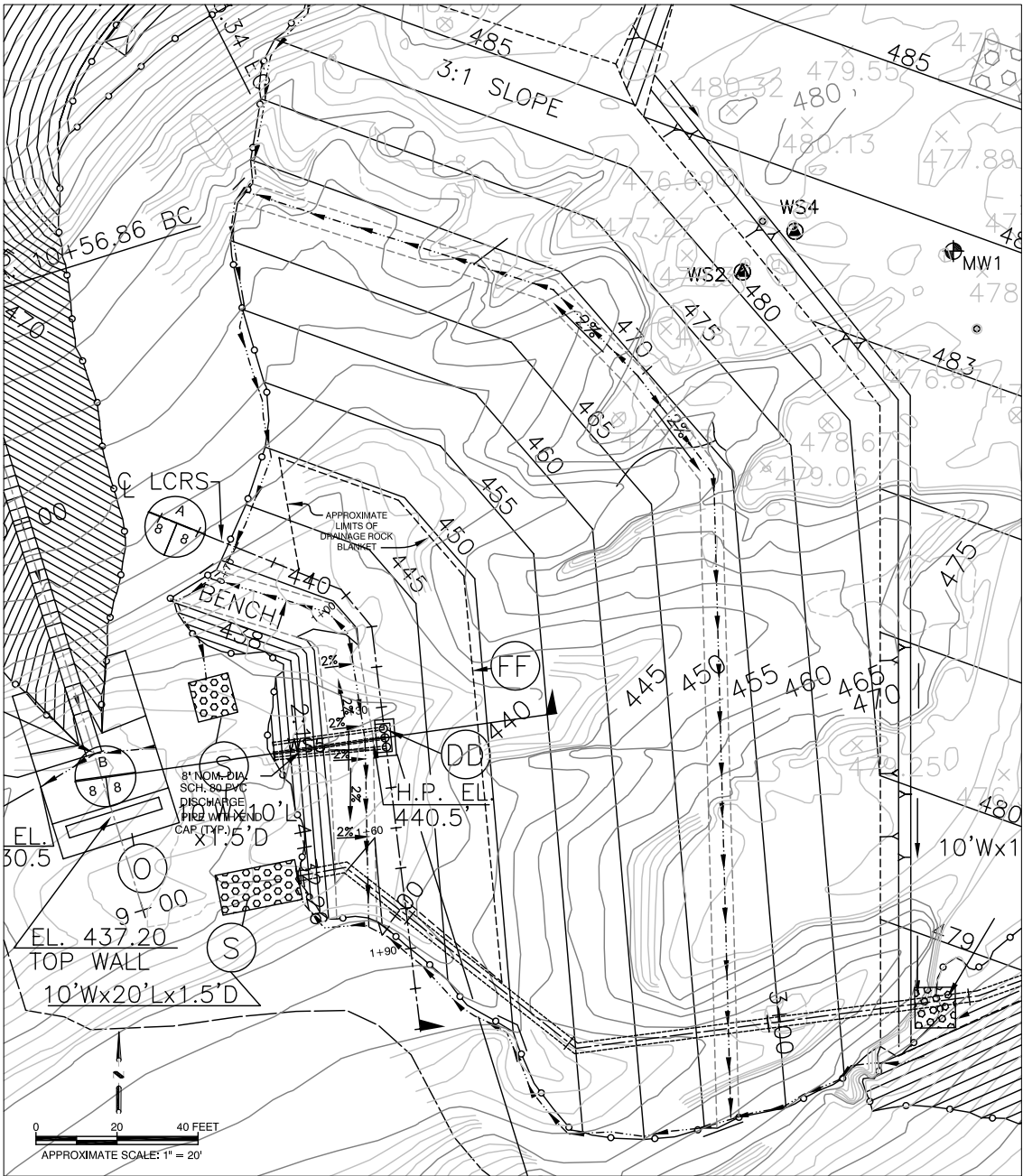
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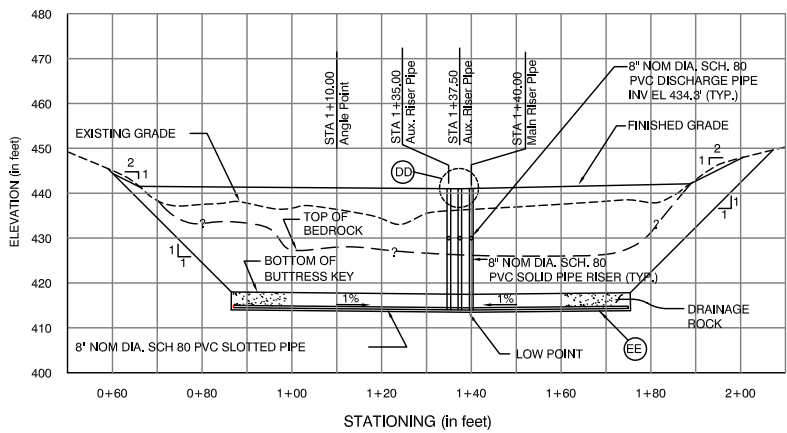
LANDFILL CLOSURE CROSS-SECTIONS:					
SEBI PROPERTY CLOSURE PROJECT					
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 7 OF 14 SHEETS				W.O. NO. 420058	
FOR CITY ENGINEER _____			DATE _____		
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ISSUED FOR RAW	ENV AMERICA	MLR	FEB 2005		
				1784 - 6331	
				NAD 83 COORD.	
				144-1771	
				LAMBERT COORDINATES	
CONTRACTOR _____	DATE STARTED _____		_____		
INSPECTOR _____	DATE COMPLETED _____		_____		
				31928-7-D	



TOE OF SLOPE BUTRESS AND LIQUID COLLECTION SYSTEM SECTION

Scale: 1" = 20'



COORDINATE TABLE OF 8" NOM. DIA. SCH. 80 PVC SLOTTED PIPE						
STATION	NORTHING	EASTING	FINISHED GRADE ELEV. (ft.)	BOTTOM BUTRESS KEY ELEV. (ft.)	COLLECTION PIPE INVERT ELEV. (ft.)	DESCRIPTION
0+86.50	1,785,443.95	6,333,387.36	441.22	418.24	414.23	Begin Gravel Trench
0+87.00	1,785,443.77	6,333,387.82	441.21	418.23	414.52	Begin Subdrain Collector Pipe
0+98.12	1,785,439.62	6,333,398.14	441.13	418.13	414.42	Angle Point
1+10.00	1,785,430.45	6,333,405.69	441.03	418.00	414.29	Angle Point
1+35.00	1,785,405.63	6,333,408.68	441.00	417.75	414.04	Auxiliary Riser Pipe
1+40.00	1,785,400.66	6,333,409.28	441.00	417.70	413.99	Main Riser Pipe
1+75.50	1,785,365.42	6,333,413.52	441.99	418.05	414.34	End Subdrain Collector Pipe
1+76.00	1,785,364.92	6,333,413.54	442.00	418.06	414.35	End Gravel Trench



LIQUID COLLECTION SYSTEM PROFILE

Scale: 1" = 20'

CONSTRUCTION NOTES:

- DD CONSTRUCT RISER PIPE SURFACE COMPLETION PER 
- EE CONSTRUCT SUBDRAIN COLLECTION TRENCH PER 
- FF EXTEND DRAINAGE ROCK/GEOTEXTILE BLANKET TO ELEVATION 440 IN ALL AREAS UP-CANYON OF CENTERLINE AND BELOW BASE OF FOUNDATION LAYER



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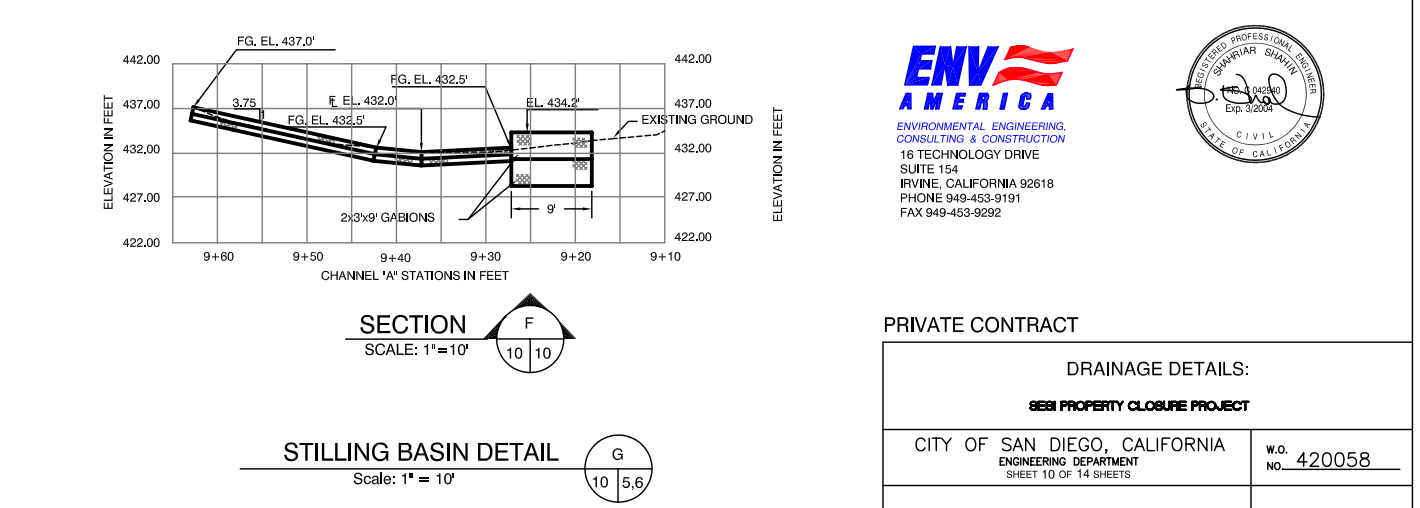
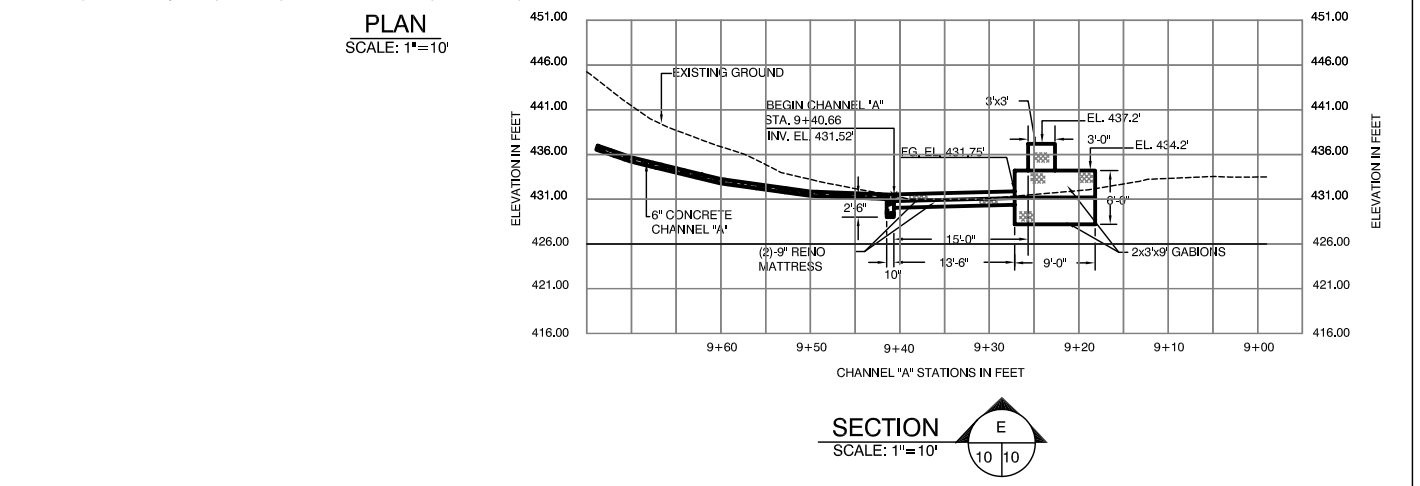
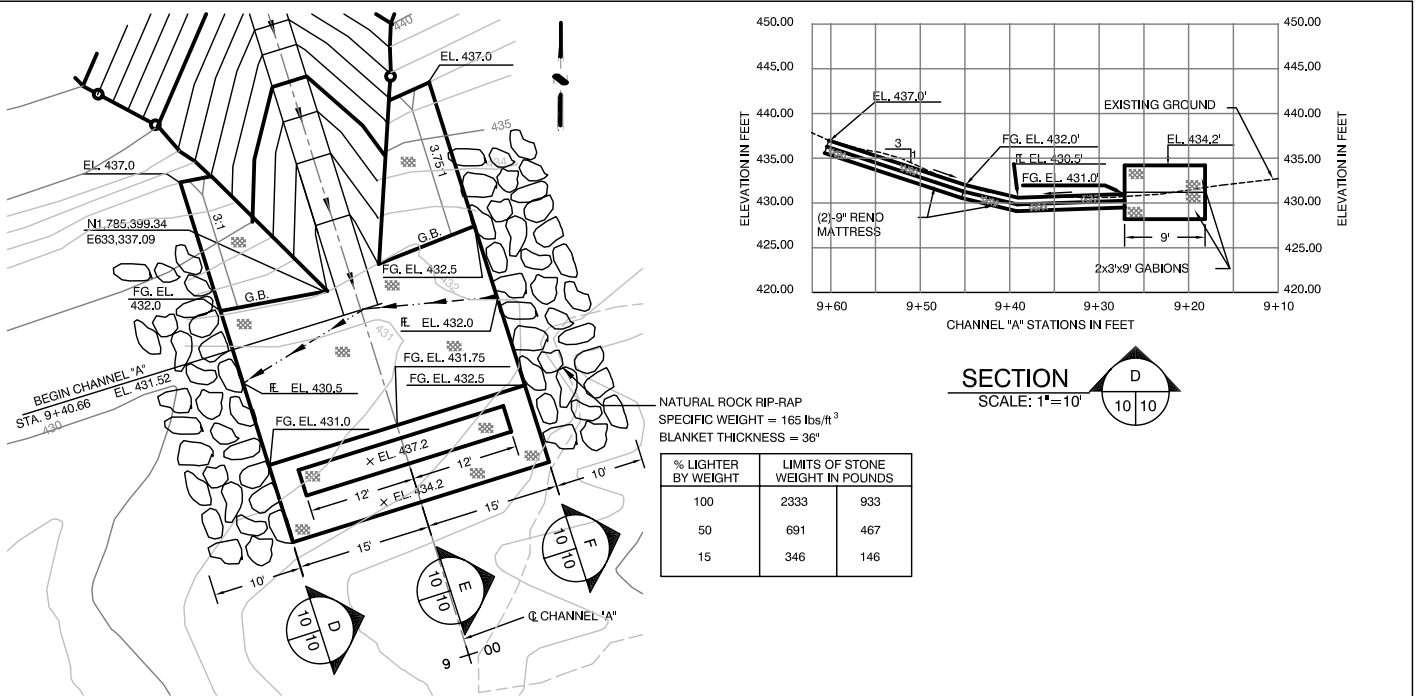
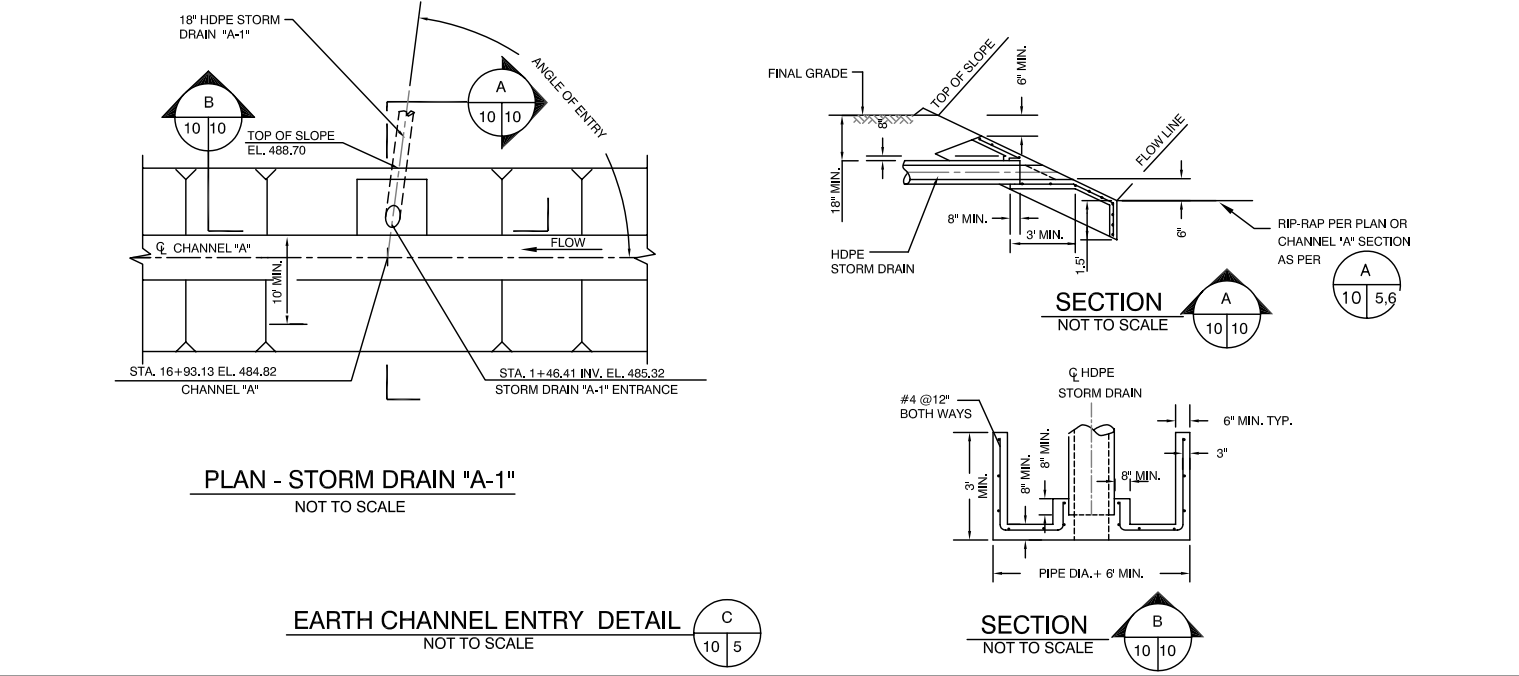
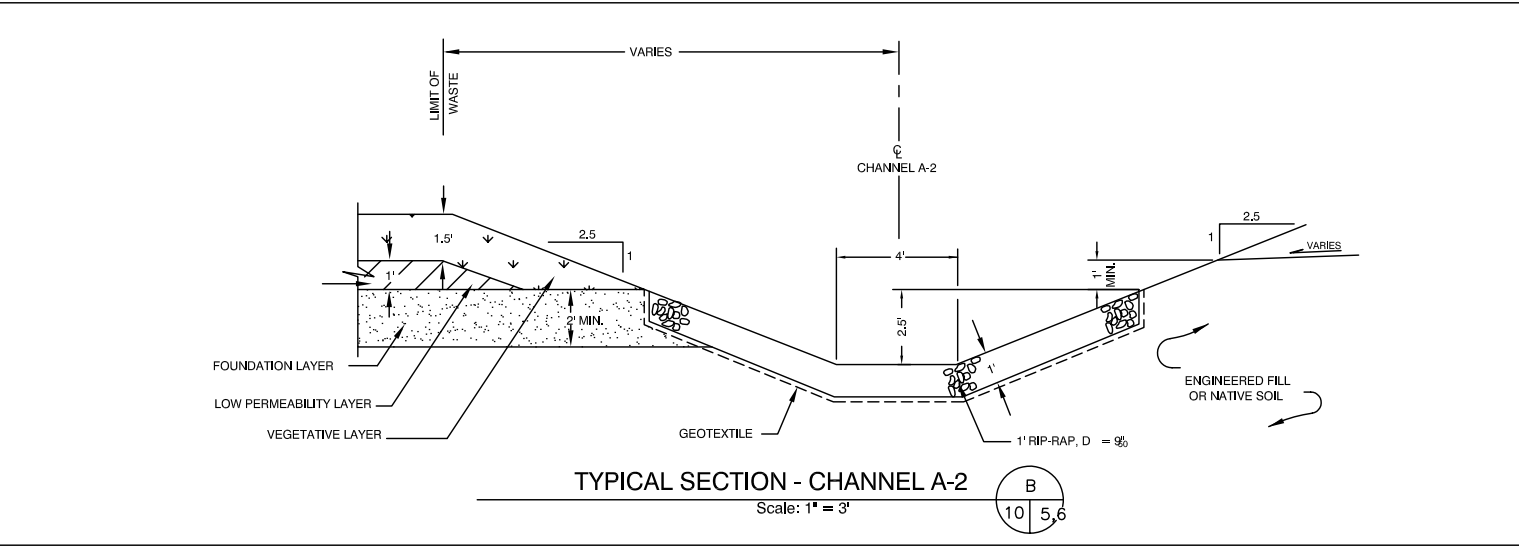
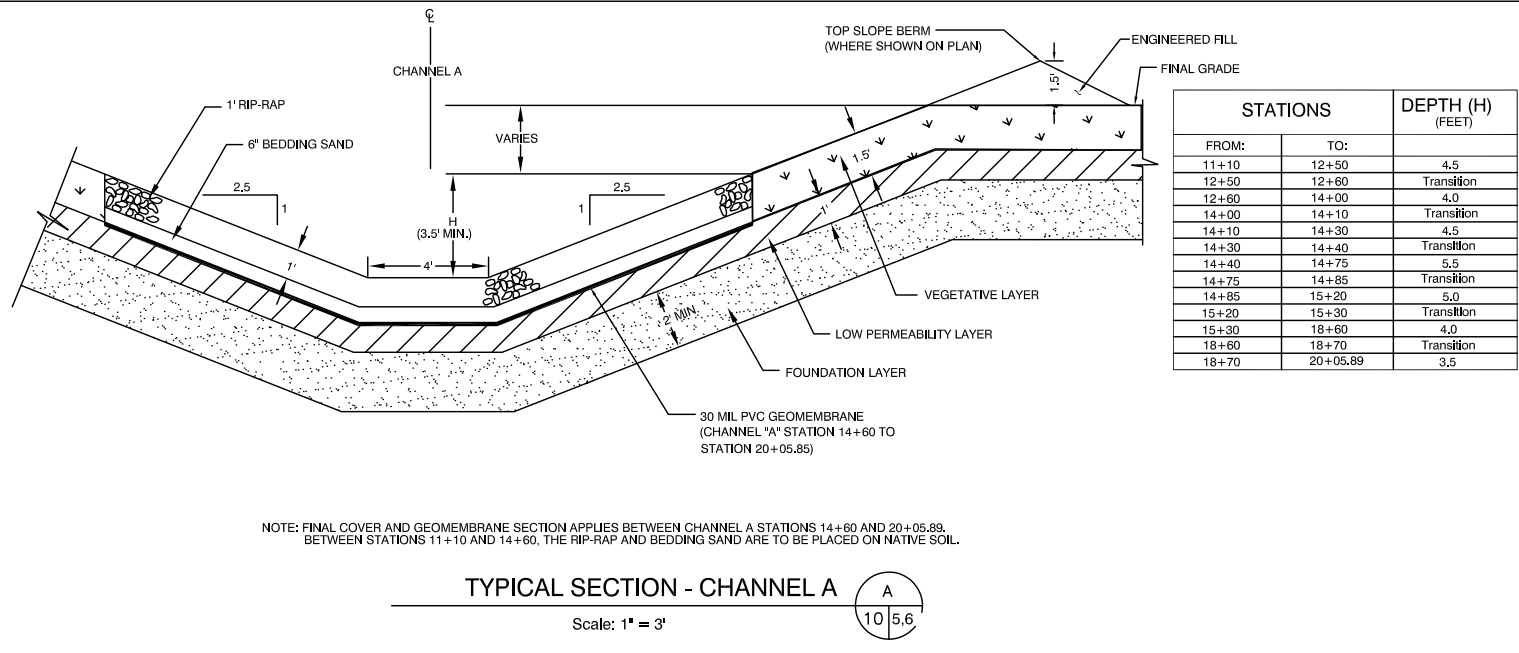
PRIVATE CONTRACT

SLOPE BUTRESS FILL AND LIQUID COLLECTION SYSTEM:			
SEBI PROPERTY CLOSURE PROJECT			
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 8 OF 14 SHEETS		W.D. NO. 420058	
FOR CITY ENGINEER			
DESCRIPTION	BY	APPROVED	DATE
ISSUED FOR RAW	ENV AMERICA	MLR	FEB 2005
1784 - 6331		NAD 83 COORD.	
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INSPECTOR		DATE COMPLETED	
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31928-9-



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PRIVATE CONTRACT

DRAINAGE DETAILS:

SEMI PROPERTY CLOSURE PROJECT

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 10 OF 14 SHEETS

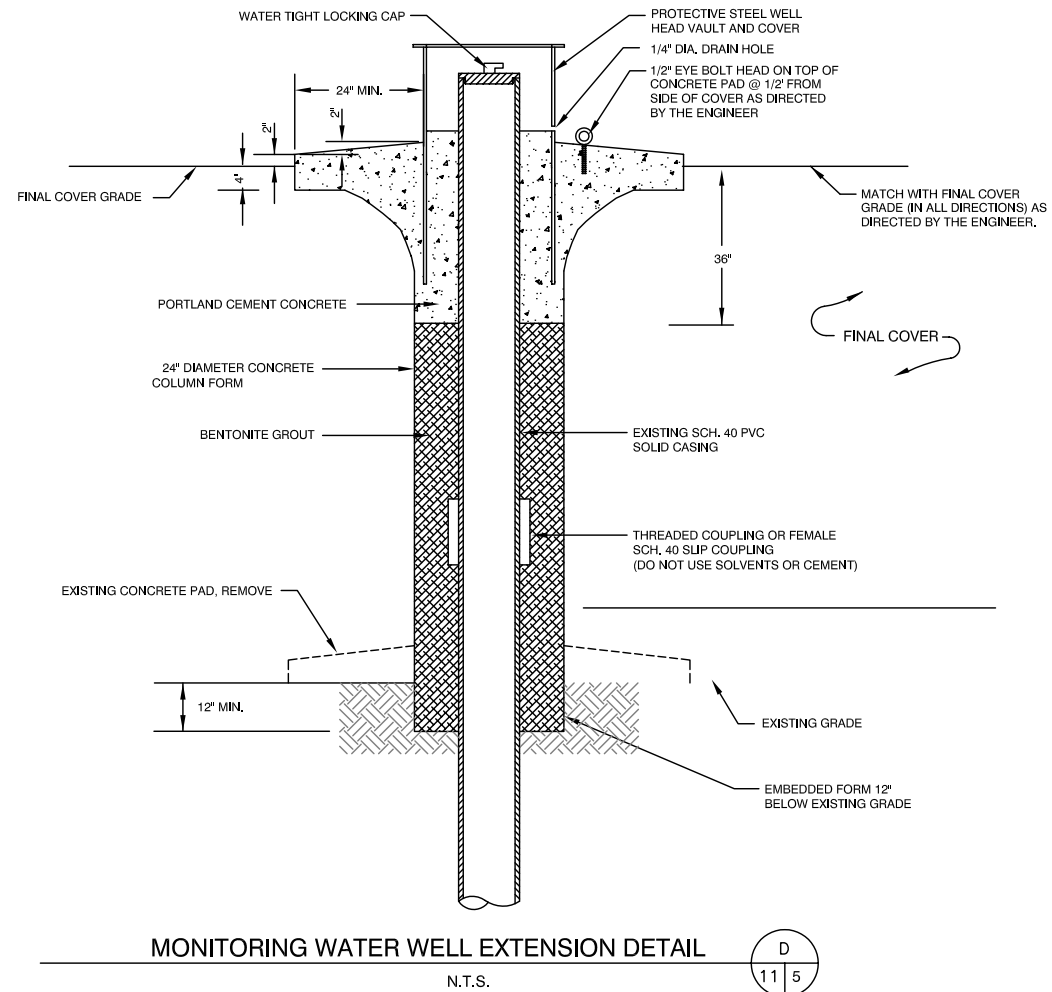
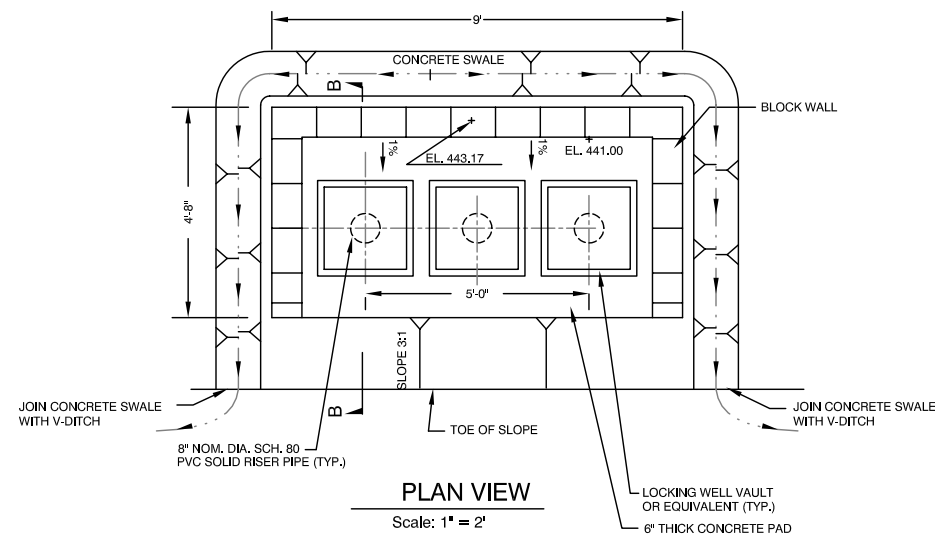
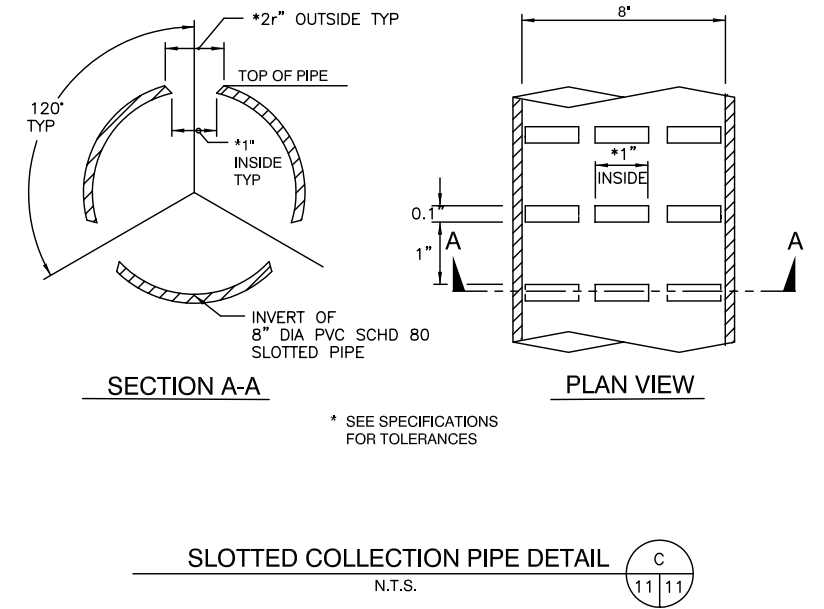
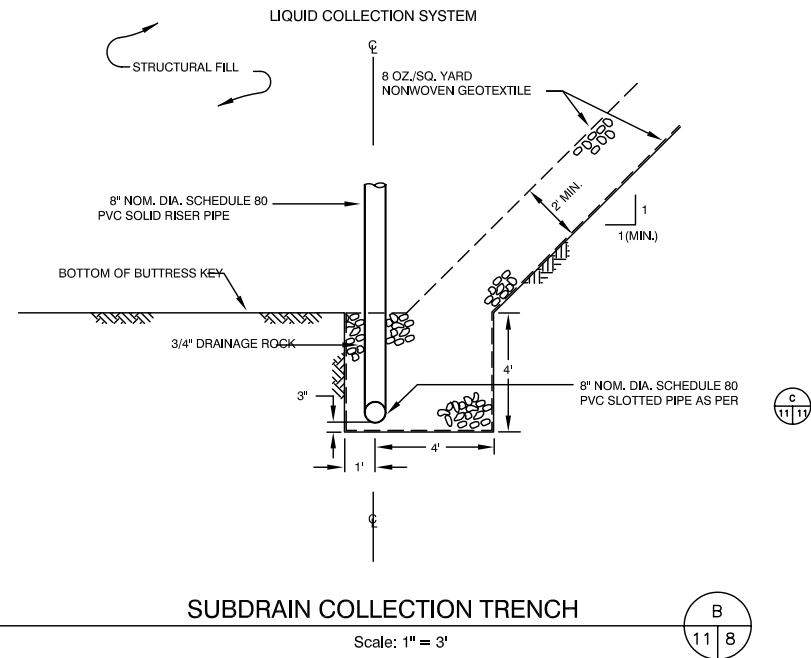
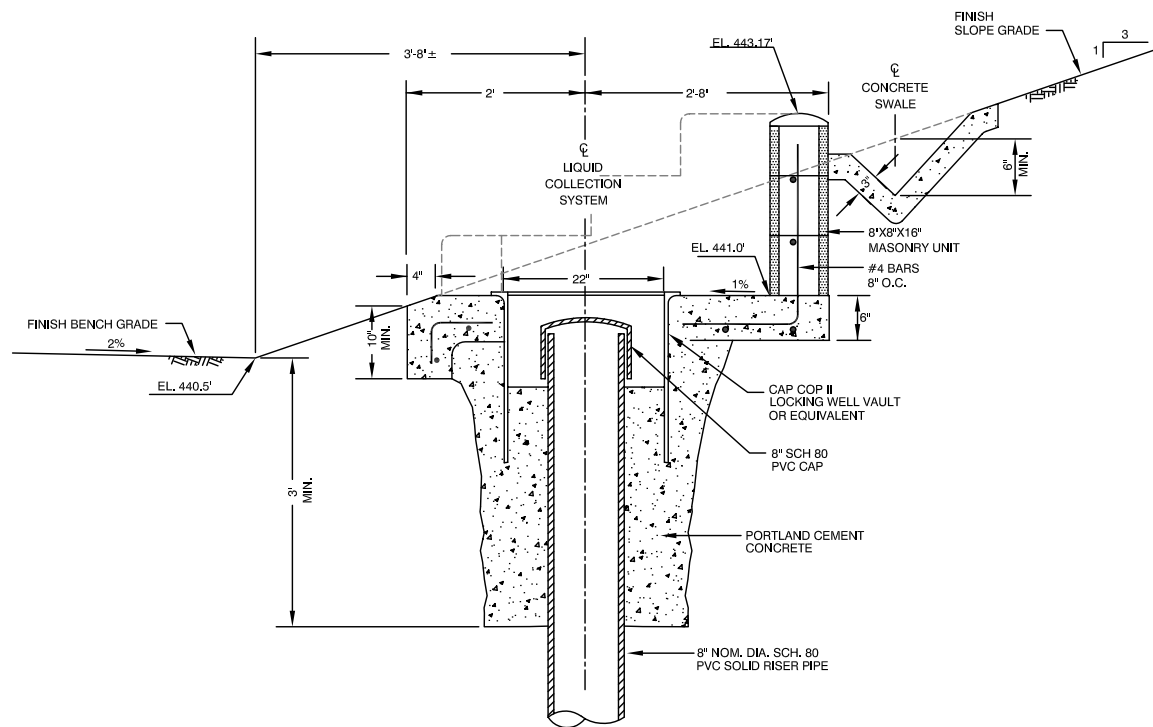
W.O. NO. 420058

FOR CITY ENGINEER		DATE	
DESCRIPTION	BY	APPROVED	FILMED
ISSUED FOR RAW	ENV AMERICA	MLR	FEB 2005

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NAD 83 COORD.

144-1771
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CONTRACTOR INSPECTOR: DATE STARTED: DATE COMPLETED: 31928-10-D

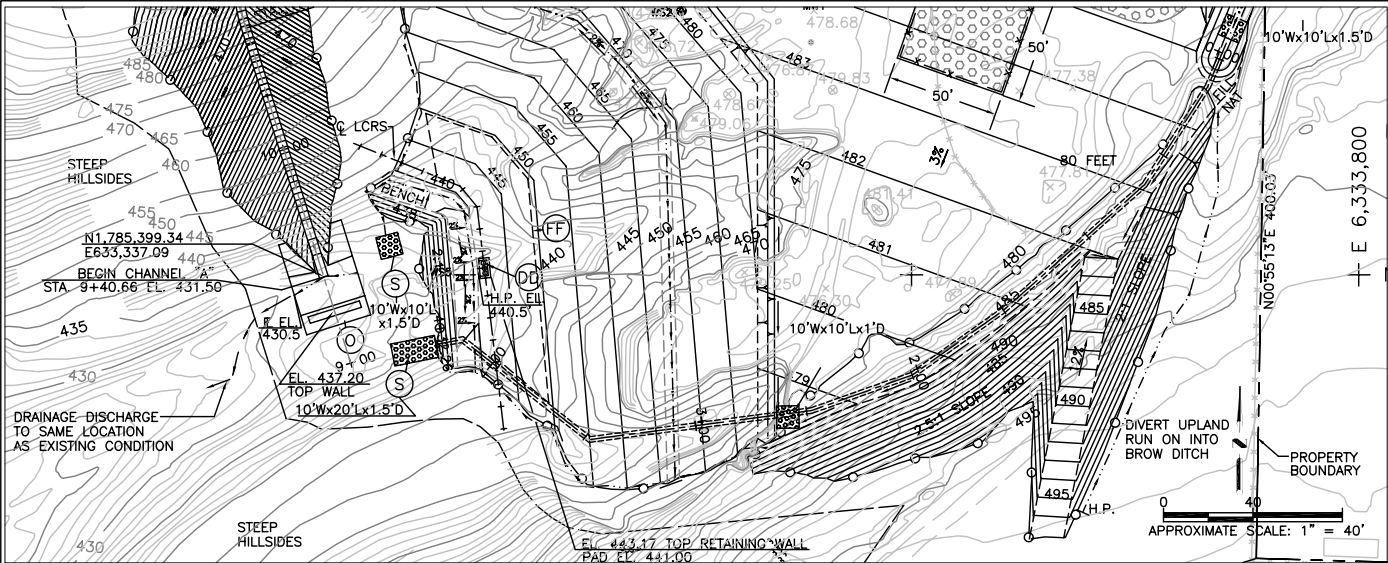


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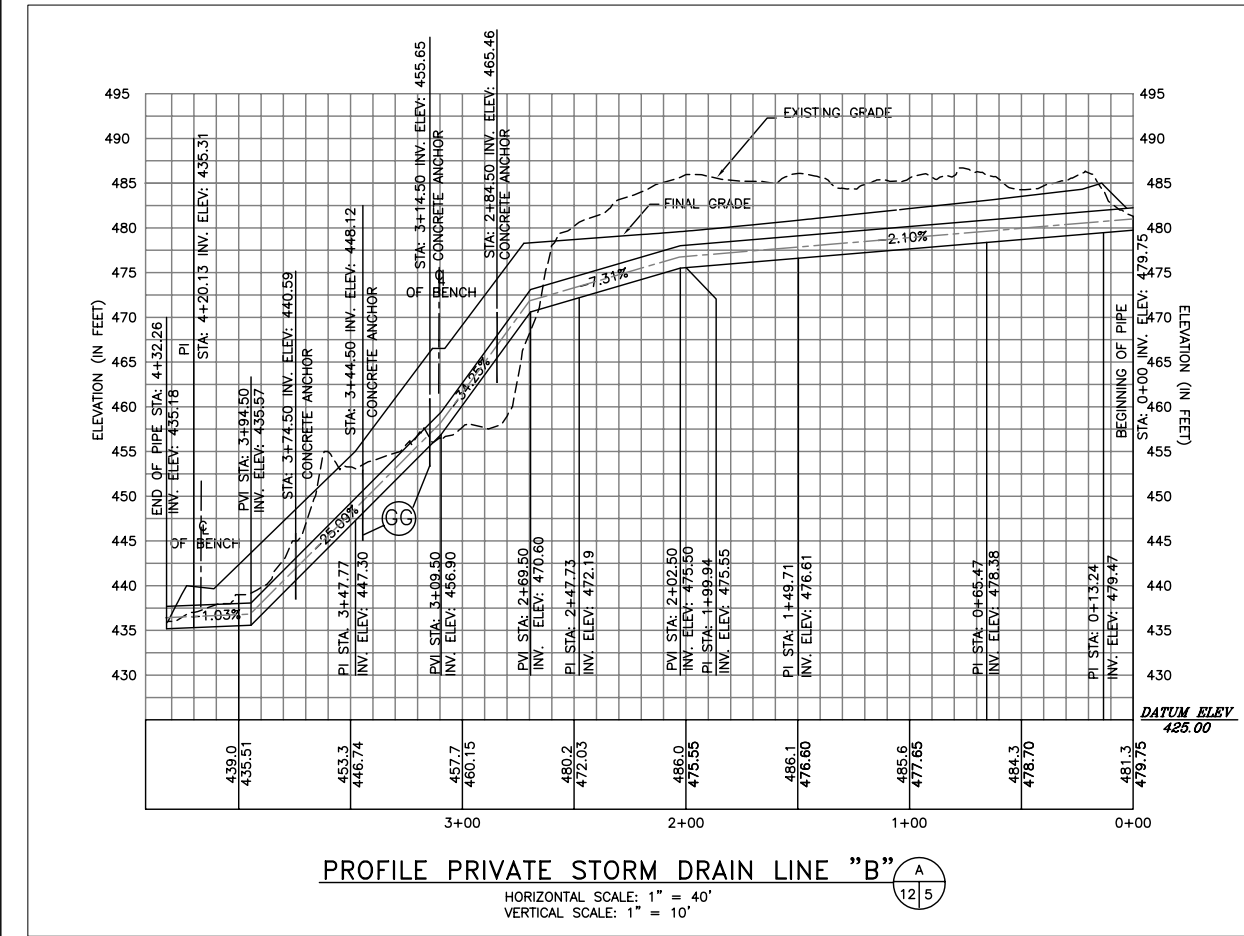


PRIVATE CONTRACT					
ENVIRONMENTAL MONITORING AND CONTROL SYSTEM DETAILS:					
SEBI PROPERTY CLOSURE PROJECT					
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 11 OF 14 SHEETS				W.O. NO.	420058
FOR CITY ENGINEER	BY	APPROVED	DATE	FILMED	
ISSUED FOR RAW	ENV AMERICA	MLR	FEB 2005		
					1784 - 6331 NAD 83 COORD.
					144-1771 LAMBERT COORDINATES
CONTRACTOR	DATE STARTED				
INSPECTOR	DATE COMPLETED				
					31928-11-D

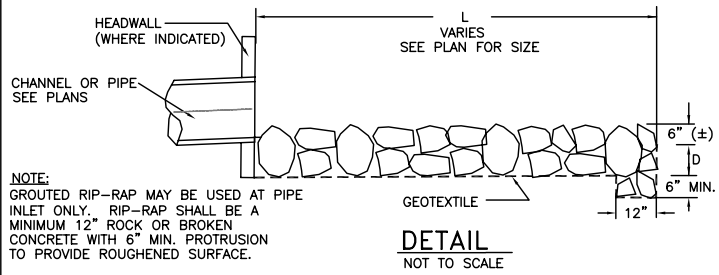
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PLAN PRIVATE STORM DRAIN LINE "B"
SCALE: 1" = 40'



PROFILE PRIVATE STORM DRAIN LINE "B"
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'



NOTE:
GROUTED RIP-RAP MAY BE USED AT PIPE
INLET ONLY. RIP-RAP SHALL BE A
MINIMUM 12" ROCK OR BROKEN
CONCRETE WITH 6" MIN. PROTRUSION
TO PROVIDE ROUGHENED SURFACE.

DETAIL
NOT TO SCALE

CONSTRUCTION NOTES :

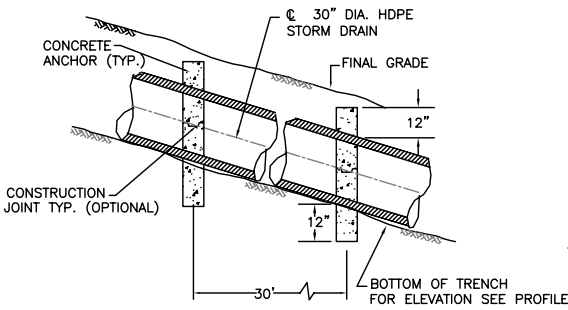
- (O) CONSTRUCT GABION AND RIP-RAP STILLING BASIN PER (E 10/5.6)
- (Q) CONSTRUCT 30" DIA HDPE STORM DRAIN LINE "B" PER (A 12/5)
- (R) CONSTRUCT STRAIGHT HEADWALL - TYPE A PER SAN DIEGO STD. DWG. D-30
- (S) CONSTRUCT RIP RAP PER DETAIL ON SHEET 12 AND PER DIMENSIONS SHOWN ON PLANS
- (T) CONSTRUCT 18" DIA HDPE STORM DRAIN PER (B 12/5)
- (U) CONSTRUCT EARTH CHANNEL ENTRY PER (E 10/5)
- (CC) CONSTRUCT STORMDRAIN INLET APRON PER SAN DIEGO STD. DWG. D-39
- (GG) CONSTRUCT CONCRETE ANCHOR BLOCK PER (C 12/12)

COORDINATE TABLE PRIVATE STORM DRAIN LINE "A-1"

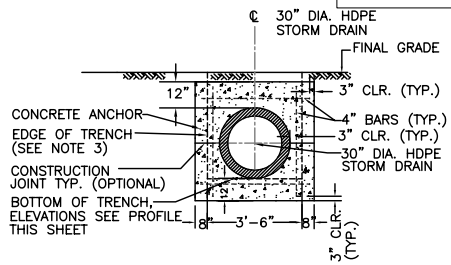
STATION	NORTHING	EASTING	LAT. "A-1" PIPE INVERT ELEV. (FT.)	DESCRIPTION
0+11.75	1785859.10	6333848.83	488.18	Beginning 18" HDPE Stormdrain Pipe
0+50.00	1785821.26	6333843.24	487.37	
1+00	1785771.80	6333835.93	486.31	
1+46.41	1785725.89	6333829.14	485.32	End 18" HDPE Stormdrain Pipe at Channel "A"

COORDINATE TABLE PRIVATE STORM DRAIN LINE "B"

STATION	NORTHING	EASTING	STORM DRAIN "B" PIPE INVERT ELEV. (FT.)	DESCRIPTION
0+00	1785496.40	6333737.76	479.75	Beginning 30" HDPE Stormdrain Pipe
0+13.24	1785484.22	6333732.56	479.47	PI
0+50	1785453.33	6333712.64	478.80	
0+65.47	1785440.33	6333704.26	478.38	PI
1+00	1785417.37	6333678.47	477.65	
1+49.71	1785384.32	6333641.34	476.61	PI
1+50	1785384.15	6333641.11	476.60	
1+99.94	1785355.22	6333600.40	475.55	PI
2+00	1785355.20	6333600.34	475.55	
2+47.73	1785339.32	6333555.32	472.19	PI
2+50	1785339.03	6333553.08	472.03	
3+00	1785332.54	6333503.48	460.15	
3+47.77	1785326.36	6333456.14	447.30	PI
3+50	1785327.73	6333454.38	446.74	
4+00	178538.61	6333415.05	435.51	
4+20.13	1785371.04	6333399.22	435.31	PI
4+32.26	1785368.84	6333387.29	435.18	End 30" HDPE Stormdrain pipe

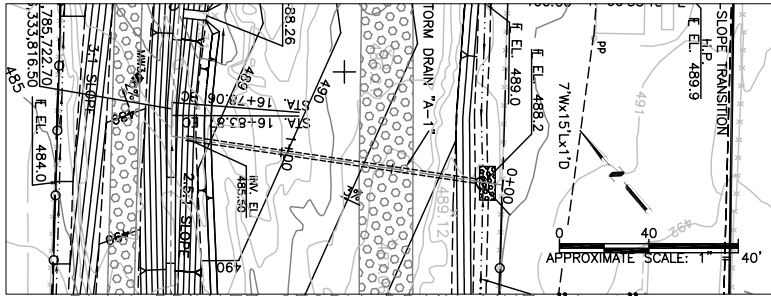


SLOPING PIPE CONCRETE ANCHOR DETAIL
NOT TO SCALE

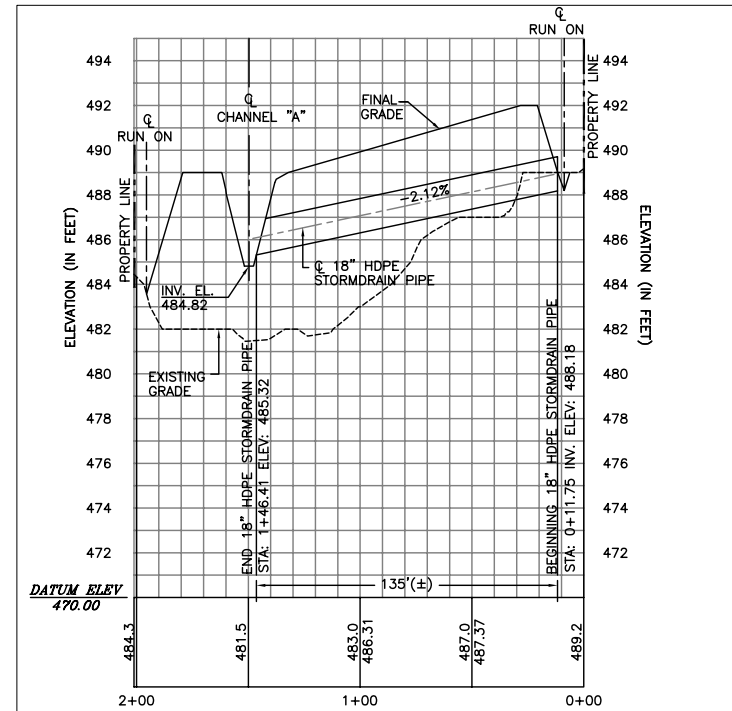


- NOTES:
- ALL REINFORCING STEEL SHALL BE #4 BARS
 - CONCRETE SHALL BE CLASS 500-C-2500.
 - EMBED ANCHOR 8" MIN. INTO TRENCH SIDEWALLS

PERMIT DESIGN, NOT FOR CONSTRUCTION



PLAN PRIVATE STORM DRAIN LINE "A-1"



PROFILE PRIVATE STORM DRAIN LINE "A-1"

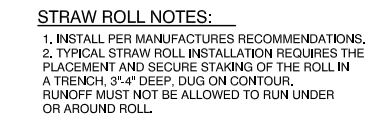
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

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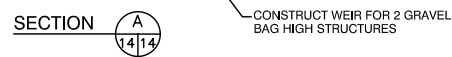


PRIVATE CONTRACT

PLANS AND PROFILES FOR STORM DRAIN LATERAL "A-1", LINE "B":			
SESI PROPERTY CLOSURE PROJECT			
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING DEPARTMENT SHEET 12 OF 14 SHEETS		V.D. NO. 420058	
FOR CITY ENGINEER		DATE	
DESCRIPTION	BY	APPROVED	DATE
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		144-1771 LAMBERT COORDINATES	
CONTRACTOR		DATE STARTED	
INSPECTOR		DATE COMPLETED	
		31928-12-D	



1. PLACE STRAW BALES TIGHTLY TOGETHER
2. TAMP EMBEDMENT SPOILS AGAINST SIDES OF INSTALLED BALES.
3. DRIVE ANGLED WOOD STAKE BEFORE VERTICAL STAKE TO ENSURE TIGHT ABUTMENT TO ADJACENT BAKE.
4. SANDBAG ROWS AND LAYERS SHALL BE OFFSET TO ELIMINATE GAPS.



SEDIMENT AND EROSION CONTROL DETAILS:

SES1 PROPERTY CLOSURE PROJECT

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING DEPARTMENT
SHEET 14 OF 14 SHEETS

W.O. 420058
No. _____

FOR CITY ENGINEER		DATE		
DESCRIPTION	BY	APPROVED	DATE	FILMED
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1784 - 6331
NAD 83 COORD.

144-1771
LAMBERT COORDINATES

CONTRACTOR _____ DATE STARTED _____		31928-14-D
INSPECTOR _____ DATE COMPLETED _____		

PERMIT DESIGN, NOT FOR CONSTRUCTION